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Makers Show*
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- *Mesa Contemporary Crafts*
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- *Wood Symphony's
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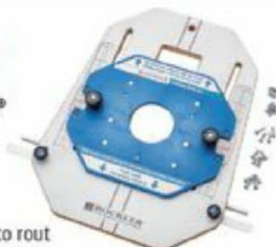


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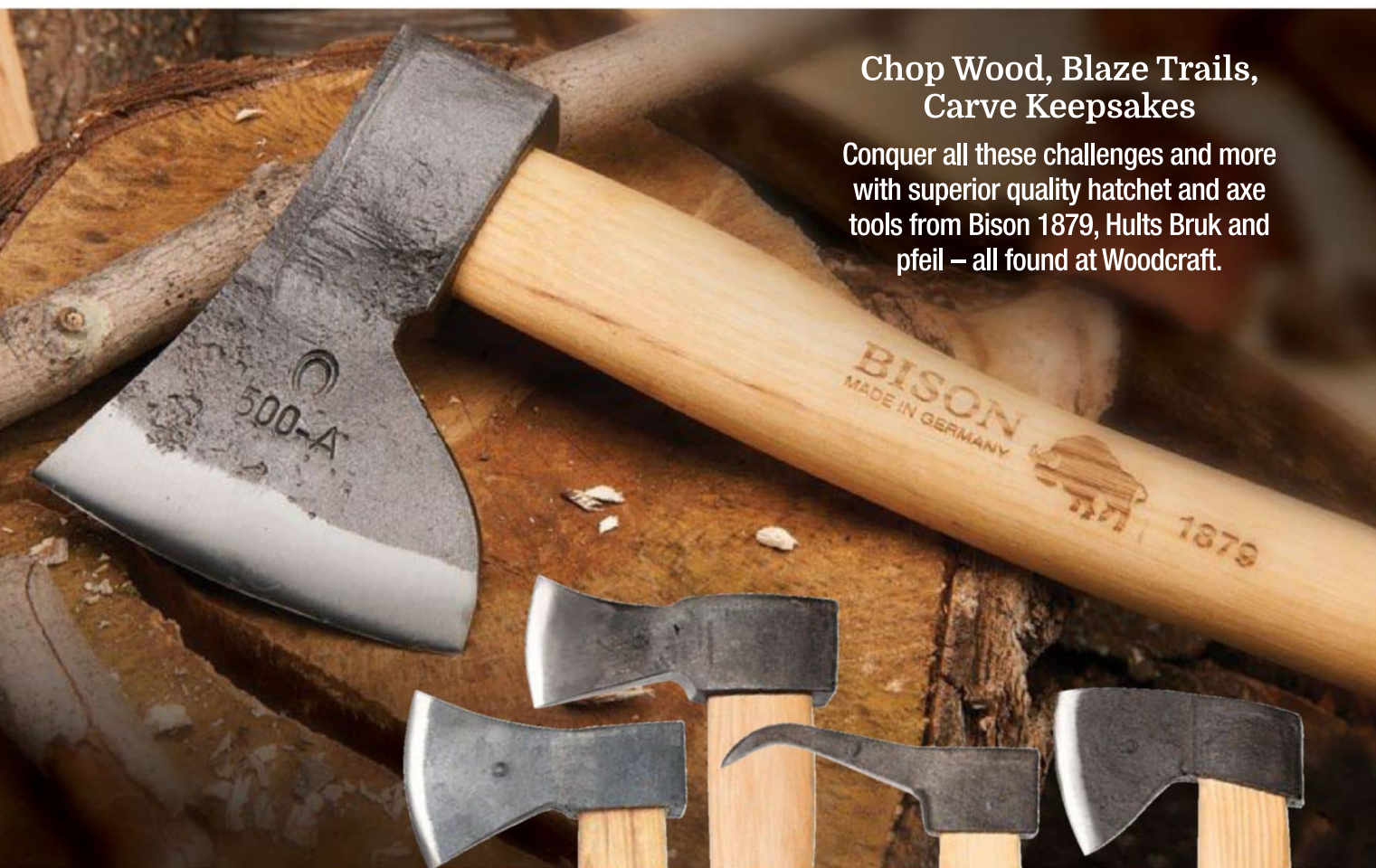
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ON THE COVER

PAT & KAREN MILLER

Pat & Karen Miller of Yakima, WA are noted for their
turned and embellished wood pieces. *Decorum* (7" h,
2 1/2" dia.)—turned from Birch and decorated using py-
rography, carving, and artist pens—was awarded the
inaugural Deena and Jerry Kaplan Award of Excellence at
the 2019 AAW Symposium. Read about the Millers in a
Profile on pages 40-41.

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Given that schedules are in flux, confirmation of
activities listed in this issue is highly recommended.

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WOODWORKING FOR A CAUSE: BUILDING DESKS FOR STUDENTS

In this age of COVID-19, education has gone virtual. Computer availability and Internet access were the obvious needs to be addressed in the transition, but overlooked—at least by non-parents—was students not having dedicated places to study.

Among the pandemic shortages are desks. Many retail outlets quickly sold out, and Amazon reported “desks” being the second-most searched term after face masks. However, many families do not have the discretionary funds for such purchases.

Among the first to recognize this problem were **Jess & Al Berrellez** of Gaithersburg, MD. They established *Desks by Dads*, to provide free desks to low-income students. Initially, desks were collected for redistribution, but the greater need prompted the couple to build new ones. As demand grew, some 60 others were recruited to help, ranging from retirees to parents whose own kids got desks. Al even posted his simple design on the Internet for wider use.

Media coverage and Facebook posts did spur similar efforts, including *Study Stations* in Virginia, *D is for Desk* in North Carolina, and *Keep the Kids Focused* in Massachusetts. Seventeen-year-old **Colby Samde** in Loudoun, VA, frustrated himself with virtual classes at his own dining room table, formed *Desks for Distance*, which has grown beyond his own construction efforts to involve the community—from local businesses to scouts.

Similarly, **Eric Janota** of Arvada, CO was inspired by the *Desks by Dads*, and the *National Geographic* cartographer created *Desks for Kids*. “I can’t imagine second graders trying to learn remotely while sitting at the dining room table or on the floor or in their bed. We’re trying to make it a little bit easier, just one less hurdle to learning.” He and his wife constructed an initial batch, and notices on *Next Door* and Facebook recruited friends, neighbors, and businesses to the cause, which has produced a couple hundred desks.

Chicago-area teacher **Marty Coyle** noticed the need, when he found some of his students having no other options for remote attendance than laying in bed or even a bathtub. Using the school’s woodshop, he built desks out of 2x4s for his students, and after posts on social media, he was overwhelmed with re-

quests for similar furniture from all over the U.S.

Other woodworkers across the country took up the cause, from Air Force veteran and hobbyist **Bob Hunt** of Claremont, NH to self-taught carpenter **Jerson Ramirez** of Chula Vista, CA. Students from the **Milwaukee School of Engineering** volunteered to build desks, while the **Minnesota Tool Library** in the Twin Cities organized membership for its own undertaking.

Les Ruefencht, a grandfather in the San Francisco Bay Area, got the idea of making desks from an ABC’s *World News Tonight* segment. “My wife said to me, ‘You can build anything, you should do this.’” He has made 80, with materials to make another 100.

For **Marcus Holley** of Omaha, NE, it’s more personal. After failing to find desks to buy for his three children, he decided to build them himself, using YouTube videos as a guide. Upon fulfilling his children’s needs, he thought “maybe someone else could use these,” so he continued construction, completing 150 desks with more to come.

Similarly, building inspector **Mitchell Couch** of Lemoore, CA, tired of seeing his two children at “school” on the kitchen table, designed a simple and inexpensive plywood hutch, which he shared in the YouTube video, *Desk-Making 101*. A local grocery store, seeing this online, stepped forward to sponsor production of dozens of these desks for more students.

Hobbyist woodworker **Chai Hansanuwat** of Chino, CA began making desks to fill his time, after his software company shut down due to the pandemic. “I didn’t think it would become that big of a deal. I thought I’d make 4-5 desks, using the tons of scrap wood laying around.”

Instead, he was inundated with nearly 1,000 requests and has recruited “builders” from throughout Southern California to join him.

These projects have produced thousands of desks, each costing around \$20 in materials. More than two dozen how-to videos are available on YouTube, including one by Wood Whisperer **Marc Spagnuolo**. Many of these efforts have been supported by generous contributions through GoFundMe and Facebook, but more funding is sought, as the need remains strong.



A simple student desk, designed by Mitchell Couch of Lemoore, CA

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Woodworking Observations

Good-Bye 2020 — Hello 2021?

To remain sane, we must approach each new year with some sense of optimism. A year ago, 2020 held so much promise. I planned to relinquish some obligations to pursue new adventures. But, that all lasted as long as a resolution of a new gym membership.

In Los Angeles, the world began to unravel with the shock of the helicopter crash killing **Kobe** and **Gianna Bryant** and friends, and it spiraled downwards towards near shutdown. We all have our own stories from the past nine months. We lost many people; we lost many things.

So now, we cautiously approach the start of another new year. With the promise of virus containment, we can begin to reset, with the hope of returning to “normal.” However, the reboot will take continued patience, as the vaccine rollout will surely take six months to approach “herd immunity.” And masks, as standard attire, likely will continue beyond that.

Many woodworking activities—usually scheduled for the first few months of the year—have already been cancelled or converted to virtual on-line mode. Other events may have been so impacted that their return is uncertain. Such is the case with the **San Diego County Fair**, which hosts our favorite *Design in Wood* exhibition. In financial crisis, staffing has been reduced to a skeleton crew, and the interim CEO has publicly stated “we need to be creative and reimagine our approach to the 2021 fair.” Already, the Board has cancelled contracts, rolled over from 2020. We can only wait and see how this plays out.

Thus, life will remain in flux for some time. Will we, or can we, return to old norms? Technology has demonstrated that alternative forms of interactions are acceptable, and even preferred. We, again, live in interesting times.

Ron Goldman

Publisher

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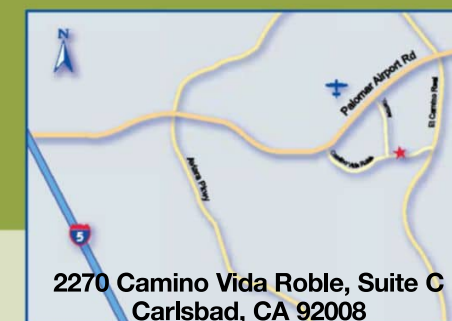
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THE PANDEMIC EFFECT

As the COVID pandemic continues to devastate our nation and the world, I couldn't help but wonder how people's woodworking habits or output has changed in the face of this global nightmare. It seemed like folks were making the best of a bad situation...

"I have chosen projects accordingly, like the desk I made for my wife who was suddenly working from home. I named it the *COVID Desk*."

"I've done almost zero woodworking. My daughter requested a bookcase, but I don't want to go out and buy lumber. We rarely go out unless it's necessary. I'm scared to death of this virus (not afraid to admit it) and trying really hard not to get it. I'd be the first in line to get vaccinated, if I could."

"I've had more time in the shop, but the downside is that I'm noticing how tedious some of my production work is. If I figure in the time spent stalling the boring steps, I'm probably not even making minimum wage."

"I do notice that I'm more likely to start big projects and lay in supplies for the future, especially with wood retailers who may need the business."

"I'm working from home, so theoretically, I'd have more time in the shop, but things haven't really changed. I'm still doing the same amount of making and experimenting. I used to use my commuting time to locate supplies that aren't easily found locally, but that doesn't happen now; and all of the nest building that I planned hasn't materialized. I also thought I'd spend more time with the kids, but it seems I'm encroaching on their ability to do the things that they want to do."

"I have a long-term project, a slant-top desk, that I've been working on since well before the pandemic began. When all this insanity started, I spent a lot of time on it and made good progress, but now I get bored with it, much more than when I spent a lot of time on it without a break. I've done several interim projects for neighbors that broke the boredom, but none recently. I'm thinking about other projects that should go faster and be a little less challenging. I'll get back to the desk before long."

"I think that the designer in us is always trying to come up with

solutions to problems at hand. In my case, I've noticed a sort of nesting or cocooning behavior—concentrating on refining my surroundings and my routines, working on home-improvement projects, spending more time contemplating positive outcomes, and thoroughly appreciating my additional opportunities to work in the shop."

"I heard that you don't realize how antisocial you are until there is a pandemic and your life doesn't change. I think that applies to me. My wife and I have been homebodies for years, so this hasn't changed our basic routines much. We don't see friends as often, and we don't go out to eat or to athletic events, like we did before the pandemic; but otherwise, our life remains about the same."

"My woodworking has dropped off over the last few years, but I've hardly turned on a machine this year. Since my wife and I have several risk factors, we are pretty much locked down. So, going down into the basement shop has little appeal when I can go for an eBike ride in the sunshine or drive around in our Miata convertible. I was so desperate to be outside, I even painted the house!"

"The pandemic has not impacted my woodworking, as I haven't done much for the past two years, and we have run out of space for new projects. We didn't go anywhere before the pandemic, and we sure don't now. We avoid restaurants, crowds, and friends, and we wear masks and use hand sanitizer a lot. So in that sense, life is different."

"I get more time in the shop, because I save two hours of commuting every day. But, while I'm no longer exhausted by my day job, I'm reading less and many of my plans for home projects are still on the drawing board. I find myself just messing around the shop, not really advancing a project (e.g. resharpening once-a-year tools, re-arranging tools, cleaning, etc.). I have plenty of materials, mostly bought before the pandemic and waiting for ideal projects. But, after attending a few estate sales, I realized this day might never happen and that I don't want my treasures to end up in an estate sale unused. So, I'm going through my modest stack of domestic hardwoods to its bottom, where 200 bf of quartersawn American Beech await the day I'll finally get to my dream of making my own planes."

"When the lockdown hit, my office basically shut down. That gave me lots of time to hide out in my new shop and be productive. I finished a half-size model of a dining table that I had designed, spent a bunch of time on the lathe with some Red Maple that I harvested, completed a turning commission, made a log-sculpture side table for my son and a storage bench for my daughter's kitchen. I also did some nesting, restoring our basement after moving my woodworking gear to the new shop, and building

storage shelves for my kids' stuff that had been sitting in stacked boxes for decades."

"I spent April making three chairs for the church and, since then, have mostly been carving caricatures, trolls, Santas, etc., for giveaways and presents. I took one to a fisherman neighbor who has been holed up, and he was very grateful for the present and the visit. The biggest change in our life is that we have cancelled our annual month-long vacation."

"I'm doing less lumber shopping, using more of my stashed wood instead of buying new stuff. Shop time is spent doing shop projects, like racks and jigs. Oh, and since my wife is now home all the time, my 'honey-do' list has gotten a lot longer."

"The pandemic has changed our lives in several ways. When it struck, we decided to stay here in Arizona for the summer rather than travel back to Connecticut, so I got to spend a lot of time in our community woodshop. Then, both my wife and I got COVID-19. We each spent six days in the hospital and were on oxygen for nearly a month afterwards. The good news is that we were fortunate to have only a mild case. We are both fully recovered and back to normal. I am back to spending my weekday mornings in the woodshop, working on several Intarsia projects."

"The pandemic hasn't had a serious effect on my life. I've recently retired, so I can stay at home and with my grandkids and family. My only major curtailment is on traveling and vacations. My tune would be different if I lost someone close to me."

"Not much change in my woodworking. I have been procrastinating on a project for a couple of years now, and even with some extra time off from work this year, I still have not worked on the project. The lack of shop time had more to do with changes in the family structure than the virus. But on the other hand, I have finally started

to attempt to sharpen my chisels and a few plane irons. Sharpening is a skill that I've been meaning to improve upon and have finally started. Maybe this was the kick that I needed."

"The pandemic has had a big impact on my life by restricting our travel, friendships, and visits with our kids and grandkids. In my shop, however, I seem to be getting more things done, completing projects that I've ignored for far too long. That's a good thing. One aspect of my woodworking life that has suffered greatly is my participation in our woodworking club. I'm a mentor/instructor on a regular basis and haven't been able to be there since last winter. It's a big part of my social life, too, so the virus has played another deleterious role."

"Working from home, the pandemic has not had a major impact on our daily life, though business has taken a significant hit with projects cancelled or put on indefinite hold. We do miss our planned vacations, eating at restaurants, and going to movies. Instead, we have been doing a lot of takeout to support our favorite restaurants and fully taking advantage of our various video streaming services. As for woodworking, I guess motivation to complete projects took a hit, when the competitions that I usually enter were cancelled. Instead, I have been clearing out space to setup an exercise room, not knowing when and if the local gyms will reopen. Time just seems to pass by too quickly, or is that just a factor of growing older."

"I've stopped buying tools. With my age and underlying conditions, I am pretty vulnerable to COVID. Whenever I see something I want, there's always the thought, 'Will I be alive this summer to use that tool?' Hopefully the vaccine will change all that."

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\$100,000 PRIZE TO CRAFT IN AMERICA

Craft in America is the recipient of the inaugural *Prize for Excellence and Innovation* from the **Decorative Arts Trust**. The \$100,000 award recognizes scholarly endeavors undertaken by a non-profit organization to advance the public's appreciation of decorative arts, fine arts, architecture, or landscape design. Craft in America promotes handcrafted work in all craft media through educational programs, including its PBS documentary series (25 episodes to date); exhibitions and lectures at its study center in Los Angeles; an expansive website; and a soon-to-be-available free online video dictionary of tools, techniques, and materials, spanning all decorative arts media.

Its latest themed documentaries—*Storytellers* and *Democracy*—aired on PBS on Dec. 11, and all episodes are available at www.youtube.com/craftinamerica/. For info on Craft in America, visit the website: www.craftinamerica.org/.

ROCKLER PRODUCTS WIN AWARDS

Five newly introduced products by **Rockler Woodworking and Hardware** won recent honors. *Rockler's Router Bit Center/Depth Gauge, Portable Drill Guide with Vise, Precision Miter Gauge, and Miter Gauge Fence* all received *Pro Tool Innovation Awards*, which are presented annually to recognize the most innovative products in the construction and outdoor power equipment industries. *Rockler's Indexing Dado Jig* won a spot in *WOOD's* annual tally of the most innovative tools. Product descriptions are available at: www.rockler.com or can be seen at your nearest Rockler store.



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\$10 MIL GIFT TO ESHERICK MUSEUM

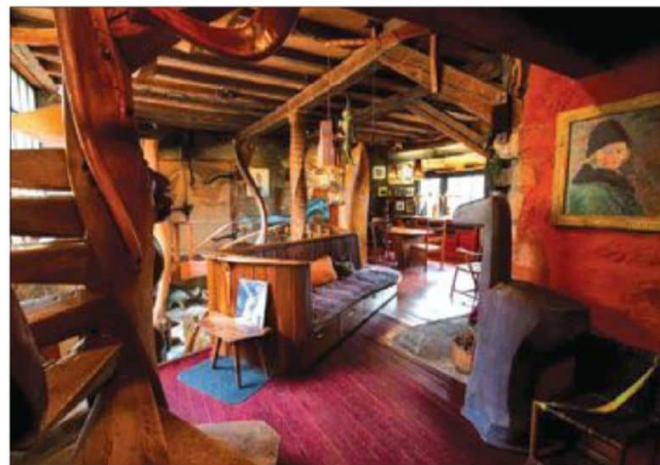
The **Wharton Esherick Museum** in Malvern, PA has received a \$10 million gift from the Windgate Foundation. The museum preserves the home and work of **Wharton Esherick** (1887–1970), regarded as the grandfather of the American Studio Furniture movement and one of the foundational figures of contemporary craft and design.

In the woodworking realm, Wharton is best known for his ground breaking sculptural furniture. His fiercely individual approach to art-making, as well as his highly original fusion of form with function, has inspired important artists and designers including **Wendell Castle** and **Sam Maloof**. His influence is kept alive by an annual woodworking themed competition (see page 16).

The museum is comprised of several buildings, including: *Sunekrest*, the Esherick family home; the *1956 Workshop* designed by Esherick and renowned American modernist architect **Louis Kahn**; and the *Studio*, a work and living space hand-built by Esherick. Open to the public, the *Studio* gives an intimate glimpse into both the artist's working and private life. It also houses a wide range of his works: from toys carved for his children, to flowing and functional pieces of furniture specifically-built for the space, to an organic swirl of a staircase that seems to grow from the ground. On the National Register of Historic Places since 1973, the 12-acre wooded site was also designated a *National Historic Landmark for Architecture* in 1993.

Plans are being developed to "reimagine" the property. Among the improvements are a new *Visitor's Center* that blends into the landscape at the base of Valley Forge Mountain. It will include a space to exhibit work by contemporary artists in dialogue with the Esherick legacy; restorations that will allow new public access to *Sunekrest* and a new gallery; new access to the *1956 Workshop*, which will return it to its original appearance after being used as a residence since 1970; and a terraced *Ramble* that will lead visitors on a gentle meander through the woods connecting the lower and upper portions of the site.

The gift will be used as an endowment, in which returns from the investment can provide income to support the Museum's annual operating budget, at a time when cultural organizations of every size are grappling with the effects of the COVID-19 pandemic. For more info on the Wharton Esherick Museum, visit the website: www.whartonesherickmuseum.org/.



A view inside Wharton Esherick's Studio in Malvern, PA

WHAT'S NEW

TOOLMAKER MANNY SHABHU

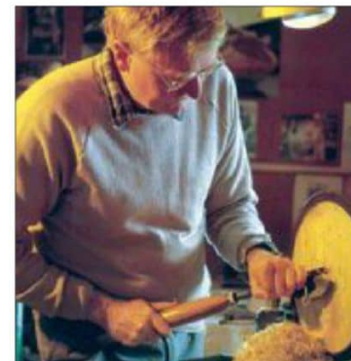
Veteran attendees of the old *The Woodworking Shows*—which no longer visit the West Coast—remember **Manvendra (Manny) Shambhu**. The owner of **Manny's Woodworker's Place** in Lexington, KY was a fixture on the show circuit, selling his line of **Gladstone** hand tools.

The immigrant from India had a Ph.D. in Organic Chemistry, but entered the woodworking hand tool business when, as a hobbyist, he had trouble finding the tools that he wanted. He ran the physical store until 2011, but continued on-line sales of his tools serving woodworkers worldwide. Manny passed away in October at age 81.



AUSSIE TURNER VIC WOOD PASSES

Australian woodturner **Vic Wood** passed away in October. Considered the grandfather of Australian creative woodturning, he also was instrumental in stimulating interest in the craft in the U.S. and around the world. He initially was a high school and college woodworking instructor, before choosing to turn full-time, in 1983. His signature works were square-edged lidded and off-centered boxes—sold in galleries worldwide—as well as large turned wall plaques for public and private installations. He, along with **Richard Raffan**, brought the Australian approach to the U.S., teaching at such events as the *Utah Woodturning Symposium* for 11 years.



Vic Wood's *Turned Wall Mural* (8-ft h, 48-ft w) was a commission for the Housing Industry Association in Australia.

SHOP TEACHER AWARDED NEW CAR

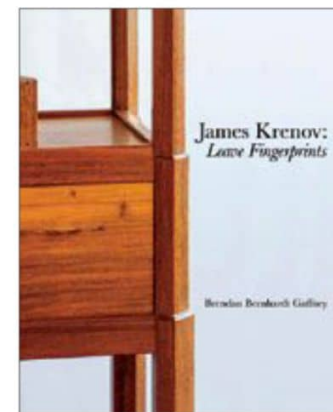
Middle school shop teacher **Jason Erdreich** of Madison, NJ was honored by **Mazda USA** for aiding health care workers in the early days of the COVID-19 pandemic. When personal protective equipment was running short, he collected 15 3D printers from his school, hooked them up in his living room, and printed masks day and night, as well as instructing other teachers and students in the procedures. Together, more than 12,000 pieces of PPE were produced for hospitals, nursing homes, and local frontline workers. His reward was a new Mazda MX-5 Miata 100th Anniversary Special Edition for his "selfless act, creative thinking, and contributions to community."

NEW KRENOV BIOGRAPHY

James Krenov (1920–2009) was one of the most influential woodworkers of the 20th century. His best-selling books inspired tens of thousands of people to pick up tools and build things to the highest standard. Yet, little is known about his life, except for a few details mentioned in his books.

His story is now told in a new book, *James Krenov: Leave Fingerprints*. After years of research and more than 150 interviews, **Brendan Bernhardt Gaffney** has produced the first and definitive biography of Krenov, featuring press clippings, historical documents, and hundreds of historical photographs. Gaffney traces Krenov's life from his birth in a small village in far-flung Russia, to China, Seattle, Alaska, Sweden and finally to Northern California, where he founded the College of the Redwoods Fine Woodworking Program (now **The Krenov School**).

Published by Lost Art Press, the book (291 pages) is available as a hardbound print book or a downloadable pdf at the website: www.lostartpress.com/.



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OPPORTUNITIES



R.W. Rollo Scheurenbrand
(O'ahu)
Lefty Rules
Koa, Spruce, Ebony

Kahi Ching (O'ahu)
Finding the Grain
Monkeypod, False
Kamani



HAWAII'S WOODSHOW 2020

The **Hawaii Forest Industry Association** hosted its 28th annual *Hawaii's WoodShow—NaLa'au o Hawai'i*, which took place, Oct. 25-Nov. 8, in the Hawaii Opera Plaza.

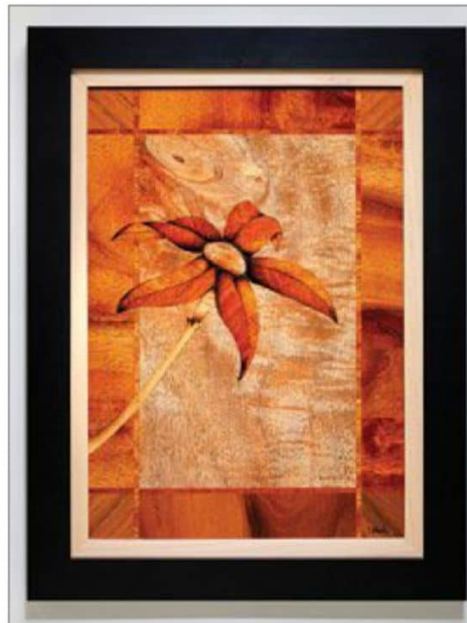
This exhibition promotes the visibility of local wood craftsmanship to the public using wood from locally grown trees, as well as promoting the positive role forests play in our economy and ecology. Featured in this exhibition were 85 heirloom quality works by 50 craftsmen.

Best of Show was awarded to **Kahi Ching** (O'ahu), for his sculptural piece *Finding the Grain*, carved from Monkeypod and False Kamani.

Category winners were **FURNITURE: Michael Felig** (Hawai'i Island), *Sleeping with Rorschach* bed; **ACCESSORIES: Paul Schürch** (Hawai'i Island), *Koa Flower*; **SCULPTURE: Jerry Vasconcellos** (O'ahu), *Mother and Child*; **TURNING: Robert Woodward** (Hawai'i Island), *Tutu's Bowl*; and **NOVICE: Gerald Kleyer** (O'ahu), *Jewelry Box*.

In the Master Division, winners were **EXCELLENCE: Tai Lake** (Hawai'i Island), *Nouveau Side Table*; and **DIS-TINCTION: R.W. Rollo Scheurenbrand** (O'ahu), *Lefty Rules*. Other awards were **SPIRIT OF SHOW: Sarah Hyun** (O'ahu), *Kalamahalaikalani*; **PEOPLE'S CHOICE: Scott Hare** (Hawai'i Island), *All Heart*, and **ARTIST'S CHOICE: Tai Lake** (Hawai'i Island), *Nouveau Side Table*.

Additional awards include five Honorable Mentions and student awards. A video of the entire exhibition is available at: www.youtube.com/watch?v=mHp5XMAuA3o/.



Paul Schürch
(Hawai'i)
Koa Flower
Koa, Mango,
Mahogany,
Maple



Michael Felig
(Hawai'i)
*Sleeping with
Rorschach*
Monkeypod,
Poplar, Birch-ply

OPPORTUNITIES



Robert Woodward (Hawai'i)
Tutu's Bowl
Koa



Tai Lake (Hawai'i)
Nouveau Side Table
Koa, Wenge

Jerry Vasconcellos
(O'ahu)
Mother and Child
Milo



Scott Hare (Hawai'i)
All Heart
Milo



The *Hawaii's WoodShow* takes place every Fall and is open to all craftsmen utilizing Hawaii-grown woods. A prospectus for the 2021 exhibition will be available in the Spring at the web site: woodshow.hawaiiiforest.org or call (808) 933-9411.

Andy Cole (O'ahu)
The Challenge
Milo



David Gomes (Hawai'i)
*The Fruit of Ululani's
Mango Tree*
Mango, Australian Red
Cedar, Koa, Ebony

OPPORTUNITIES

ESHERICK COMPETITION

The **Wharton Esherick Museum** in **Paoli, PA** has moved its annual thematic woodworking competition and exhibition to May-September. The theme is *Wood and...* Although the name **Wharton Esherick** is nearly synonymous with wood, across his career, he used a wide array of materials—like metal and paint—with both innovation and sensitivity.

This year's competition invites you to share innovative works of art, craft, and design that showcase wood and at least one other medium. How might you complete the phrase "wood and..."? Wood and glass? Wood and plastic? Wood and silver? Wood and fiber? The possibilities are endless. The new entry deadline is Jan. 4. \$1,300 in prize money will be awarded, and pieces will be available for sale. For info, visit the website: www.whartonesherickmuseum.org or call (610) 544-5822.

ANDERSON RANCH RESIDENCIES

Anderson Ranch Arts Center offers artists—including furnituremakers and wood artists—the opportunity to pursue creative directions—not possible in their own studios—by providing studio space and staff support. Residencies are available for 10 weeks in Fall 2021 or Spring 2022. Scholarships and assistantships are also available for the summer program, with an application deadline of Feb. 14. Registration for the 2021 Summer Program opens Jan. 4. For info, visit the web site: www.andersonranch.org or call: (970) 923-3181 x216.



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VENEER CRAFTSMAN'S CHALLENGE

The **Woodworking Network** hosts the 17th annual *Veneer Tech Craftsman's Challenge*. This national competition recognizes excellence in woodwork that features the use of natural veneer and wood products. Competition categories are: *Architectural Woodworking, Cabinetry, Furniture, Marquetry, Specialty Items, and Student Designs*. Entry deadline is June 1, with eligibility for a \$1,000 bonus if entered by Mar. 31. Winners will be announced during next summer's **AWFS Fair** in Las Vegas, NV. For info and to view past winners, visit the web site: www.woodworkingnetwork.com/community or call: (800) 593-5601.

VOLCANO WOOD BIENNIAL

The **Hawai'i Volcano Art Center** on the Big Island will host its inaugural biennial juried *Volcano Wood Show Exhibition*, July 16-Aug. 8. This showcase will feature Hawaii wood artists, who produce one-of-a-kind works using indigenous Hawaiian and exotic woods. In addition to the juried show, the exhibition will also feature a woodworkers' *Garage Sale* of tools, wood, and miscellaneous items. Entry deadline is June 17. For info, visit the website: www.volcanoartcenter.org or call: **Mike Nelson** at (808) 967-8222.

CREATIVITY IN CAPTIVITY

The **Kauffman Gallery** at Shippensburg University in Shippensburg, PA hosts *Creativity in Captivity; Responses to COVID-19*, Jan. 25-Sept. 1. In this juried exhibition, visual artists share their work produced during the COVID-19 shelter-in-place period. This exhibition is open to 2D and 3D artistic work, in all media. Entry deadline is Jan. 15, and \$2,000 will be awarded, in addition to possible purchases for the gallery's collection. For info, visit the website: creativityincaptivityresponsesstocovid19.artcall.org/.

WORLD OF WEARABLE ART

For over 30 years, the *World of Wearable Art Awards Competition* in New Zealand has showcased cutting-edge fashion in unusual design and materials by designers/makers from around the world. Past winners have included garments made of wood. The 2021 entry deadline is Mar. 26, and 33 prizes worth over \$120,000 will be awarded. For info, visit the website: www.worldofwearableart.com/.

ANDREU DESIGN COMPETITION

Spanish furniture manufacturer **Andreu World** sponsors the 21st annual *Andreu World International Design Competition*. Open to both students and professionals, the challenge is to design a sustainable seat or table. The submission consists of a prototype model (scale 1:5), synopsis, and visuals. The U.S. entry deadline is Nov. 12 sent to Andreu's Chicago showroom; projects will be forwarded to Spain. Cash prizes (totaling over \$14,000) will be awarded, with the possibility of production. For info, visit the web site: www.andreuworld.com/.

CFC SCHOLARSHIPS IN MAINE

The **Center for Furniture Craftmanship (CFC)** in Rockport, ME offers scholarships for its 1-2 week workshops. These scholarships generally cover the full cost of tuition, but successful applicants must confirm their participation by paying the standard \$80 registration fee and remain responsible for the costs of their own travel, lodging, meals, materials, and any supply fees. The deadline to apply for the 2021 program is Apr. 1. For info, visit the website: www.woodschoool.org or call: (207) 594-5611.

OPPORTUNITIES

WOODWORKING ARTIST OF THE YEAR

The **Forest Heritage Center** in Broken Bow, OK is soliciting entries for its 2021 *Master Woodworking Artist of the Year* exhibition. Open to all woodworkers, work by juried finalists will be exhibited at the Center in the annual event, Mar. 7–May 9, and a winner will be crowned *Master Woodworking Artist of the Year*. Entry deadline is Jan. 31, and prizes include Cash Awards. For info, visit the website: www.forestry.ok.gov/master-woodworking-artist-of-the-year or call: (580) 494-6497.

BIRDS IN ART

The **Leigh Yawkey Woodson Art Museum** in Wausau, WI seeks submissions for *Birds in Art 2021*, to be exhibited in the Fall. Open to all artists working in any 2-D and 3-D media, this prestigious exhibition of avian art—with associated publication—will be exhibited at the Woodson Museum in the Fall and travel up to a year. Entry deadline is Apr. 21, and approximately 100 artists will be selected to participate. The museum generally acquires 4-5 works for its collection. For info, visit the web site: www.lywam.org or call: (715) 845-7010.

SCHOLARSHIPS FOR WOMEN TO FSW

The **Florida School of Woodwork** is excited to announce the **Tabitha Babbitt Scholarships**, for aspiring women woodworkers. Open to women and those who identify as female, awards can be applied to cover tuition for a week-long class, with a small travel stipend when appropriate. Application deadline is Jan. 30. For info, visit the website: www.schoolofwoodwork.com/woodworking-scholarships/.

JOYFUL WORKS

The **Klamath Art Association and Gallery** in **Klamath Falls, OR** is hosting *Joyful Works: Reconnecting with What Matters*, Feb. 7-28. Open to all media, this exhibit features work that illustrates what brings happiness, joy, and positivity, i.e. using art to express passion. Delivery date is Jan. 28. For info, visit the website: www.klamathartgallery.blogspot.com or call: (541) 883-1833

AAW MEMBER EXHIBITION

The **American Association of Woodturners (AAW)** has announced the theme of its 2021 member exhibition, *Finding the Center*. The theme can be interpreted literally, figuratively, or emotionally. This exhibit will be displayed at the 2021 *AAW Symposium* next July in Omaha, NE, as well as at the *AAW Gallery of Art* in Fall 2021. Two cash awards will be given: a *Masters' Choice Award* and a *People's Choice Award*. Entry deadline is Mar. 15. For info, visit the website: www.woodturner.org or call: (651) 484-9094.

A'DESIGN AWARD & COMPETITION

The international *A'Design Award and Competition* aims to highlight the excellent qualifications of best designs, design concepts, and design-oriented products worldwide, in all creative disciplines and industries. Among the various categories are *Furniture, Homeware, and Decor Items Design*, and various benefits and exposure will be provided to winners. The 2021 entry deadline is Feb. 28. For info, visit the website: www.adesignaward.com/.

THE CROW SHOW

The **Studio Door** in **San Diego, CA** presents the 7th annual *The Crow Show*, Apr. 3-24. This show is a celebration of Black Birds, with work in all media. Entry deadline is Mar. 1. For info, visit the website: www.thestudidoor.com or call (619) 994-2263.

TRAINING FELLOWSHIPS IN FRANCE

The **American Friends of Coubertin** have announced the availability of training fellowships for September 2021-July 2022 in woodwork, metalwork, and stonework at the **Coubertin Foundation** outside Paris, France. Applicants should have at least 2-3 years of post-apprenticeship work experience in their craft, be accomplished, and seeking master skills. Training and experience for selected craftsmen is provided through historical restoration projects and new commissions from individuals and corporations. Thus, trainees are provided with a real working environment. Application deadline is Jan. 31. For info, visit the website: www.afcoubertin.org/.



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OPPORTUNITIES

IDAHO ARTISTRY IN WOOD

The 2021 *Idaho Artistry in Wood Show* will be held Apr. 24-25 at **Jack's Urban Meeting Place** in Boise, ID. At this annual show, competitors from all skill levels (beginner-expert) are invited to submit their carvings, scrollwork, turnings, woodburning, marquetry, fine woodworking, gourds, and intarsia for display, judging, and sale. Open to all woodworkers, the pre-registration deadline is Apr. 23. For info, visit the website: www.idahoartistryinwood.org or call: **Doug Rose**, (208) 856-8856.

HOUSTON CRAFT RESIDENCY

The **Houston Center for Contemporary Craft** hosts an *Artist-in-Residence* program. Selected artists—working in wood, glass, metal, fiber, clay, or mixed media—receive a 200 sq. ft. studio, a monthly stipend, and access to a wide variety of resources and opportunities, including teaching and marketing options. 3-, 6-, 9-, and 12-month residencies are available, starting in September. Application deadline is Mar. 1. For info, visit the web site: www.crafthouston.org or call: (713) 529-4848 x112.

WOOD SYMPHONY

The on-line gallery **Wood Symphony** hosts juried exhibitions of fine craftsmanship in wood. Upcoming group shows include *Turned and Sculpted Wood* (Mar. 1-31), *Inside The Box* (June 1-30), *Small Treasures* (Sept. 1-30), and *The Art of Giving* (Dec. 1-31). For info, visit the website: www.woodsymphony.com/.

AWFS STUDENT COMPETITIONS

The **Association of Woodworking and Furnishings Suppliers (AWFS)** will again host two student competitions at the 2021 *AWFS Fair*, July 20-23, in Las Vegas, NV. *Fresh Wood* is the AWFS-sponsored biennial competition featuring woodworking in six categories: *Case Goods, Seating, Tables, Design for Production, Open*, and *Special Themes*.

For the fourth year, the **American Association of Woodturners** is sponsoring *Turning to the Future*, with lathe-turned work in *Functional, Small Turnings*, and *Open* categories.

Both competitions are open to students in an accredited high school or post secondary school woodworking or related industry program in North America. Post-secondary schools include colleges and universities, as well as trade, art, and union apprenticeship schools.

Finalists will be invited to display work at the 2021 *AWFS Fair*, where judging will take place and prize money awarded. With no submission fee, the entry deadline is May 1, with entries submitted on-line. For info, visit the website: www.awfsfair.org or call: (585) 465-9613.

WESTERN DESIGN CONFERENCE

After a year hiatus, the annual *Western + Design Conference Exhibit & Sale* returns, Sept. 9-12, to the Snow King Center in **Jackson Hole, WY**. Over 100 artists will display handcrafted work in this celebration of Western-style craftsmanship in furniture, fashion, and home accessories. The objectives of the event are to promote one-of-a-kind works and facilitate direct relationships between buyers and artists. Entry deadline is Mar. 1, and over \$18,000 in cash awards will be presented. For info, visit the web site: www.westerndesignconference.com or call: (307) 690-9719.

NATIONAL CRAFT EXHIBIT IN IOWA

The **Octagon Center for the Arts** in Ames, IA presents its 52nd annual *National All Media Exhibition*, Mar. 5-Apr. 10. This juried exhibition will show approximately 65 pieces in clay, fiber, glass, metal, mixed media, painting, paper, and wood. Entry deadline is Jan. 17, with cash awards. For info, visit the website: www.octagonarts.org or call: (515) 232-5331.

ART JEWELRY AWARD

The **Art Jewelry Forum** offers assistance to mid-career jewelry artists to foster development of their careers. The *Susan Beech Mid-Career Artist Grant* provides \$20,000 toward the completion of a significant jewelry-related project. Submission deadline is Jan. 10. For info, visit the website: www.artjewelryforum.org/.

EMERGING ARTISTS

SlowArt Productions presents *Neoteric Abstract IX*, Apr. 8-May 1, at the Limner Gallery in New York. Open to all media, work will represent a full range of abstraction, from the geometric to the lyrical, from the precise to the raw. Entry deadline is Jan. 31, and a \$500 award will be presented. For info, visit the website: www.slowart.com/limner/.

WEST COAST WOMEN ART SHOW

The 54th annual *Local 14 Art Show & Sale* is scheduled for Oct. 8-10 at **World Forestry Center** in Portland, OR. This event promotes artwork, in all media, by women living on the West Coast. Entry deadline is Mar. 15. For info, visit the website: www.local14.org/.

OPPORTUNITIES

AAW POP EXHIBITION

The **American Association of Woodturners' Professional Outreach Program (POP)** annual exhibition includes a mix of invited and juried work. The theme of the 2021 exhibition is *Elements*, and its various interpretations. Open to any type of turning by an AAW member or full-time students in art, design, or industry-related degree programs, the piece can be no larger than 6" x 6" x 6". Entry deadline is Jan. 15, and selected work will be exhibited at the AAW Gallery and at the 2021 *AAW Symposium*, where they will be auctioned to benefit the POP program. For info: www.woodturner.org/.

YOUNG WOODWORKING PRO CONTEST

The **Woodworking Network** is again sponsoring its *Young Woodworking Pro* competition, recognizing outstanding projects young wood professionals (age 18-35). Entry is simple: just post an image and description—with an appropriate tag—by Jan. 15. Finalists will be determined by public vote (Jan. 18-22), and a panel of judges will select an overall winner, with a cash prize and feature in *FDMC* magazine. For detailed instructions, visit the website: www.woodworkingnetwork.com/community/young-wood-pro/.

PORT TOWNSEND SCHOLARSHIPS

The **Port Townsend School of Woodworking** offers scholarships for attending several classes, including *Foundations of Woodworking* and *Furniture Making Intensive*. Funding will cover up to 35% of tuition fees; students are responsible for accommodations, meals, transportation, and material costs. For info, visit the website: www.ptwoodschool.org/scholarship/ or call: (360) 344-4455.

FORMICA STUDENT COMPETITION

Every year, the **Formica Corporation** sponsors the *FORM Student Innovation Competition*, in which students design furniture pieces for residential spaces, utilizing Formica products. In 2020, entries were received from more than 175 architecture and interior design students across the U.S. and Canada. The 2021 entry deadline is Mar. 12. For info, visit the website: www.formica.com/en-us/campaigns/form-competition/.

RECYCLING & TREES

Sebastopol Center for the Arts seeks submissions for two upcoming shows. *Recycling*, Feb. 20-Mar. 28, is a juried exhibition, showcasing art crafted from cast-off, discarded and re-purposed materials. Entry deadline is Jan. 27.

Favorite Things: Trees, Apr. 3-May 9, is the annual themed non-juried show, featuring all interpretations from tree-loving artists. Entry deadline is Feb. 22. For info, visit the website: www.sebarts.org or call: (707) 829-4797.

IDAHO FALLS NATIONAL EXHIBITION

Idaho Falls Arts hosts its 13th annual *Idaho Falls National Exhibition*, Mar. 18-May 30. This national exhibition features work in all media, with \$2,500 in awards. Entry deadline is Jan. 13. For info, visit the website: www.idahofallsarts.org.

MADE IN CALIFORNIA ART EXHIBIT

The **Brea Art Gallery** in Brea, CA hosts its 35th annual *Made in California*, Apr. 24-June 18. This juried show displays multi-media works from California artists in every stage of their artistic careers. Entry deadline is Feb. 18, and over \$2,200 will be awarded. For info, visit the website: www.breaartgallery.com or call: (714) 990-7731.

BIRD HOUSE COMPETITION

The **Ogden Nature Center** in Ogden, UT hosts its 28th annual *Birdhouse Competition and Exhibit*, Apr. 7-June 26. Open to all makers and materials, birdhouses must be functional for display and utilization by the wildlife outside. Entries, to be delivered Mar. 15-20, must be original designs—no kits—utilizing environmentally-sensitive materials. A variety of cash awards will be presented. For info, visit the website: www.ogdennaturecenter.org or call: (801) 621-7595.

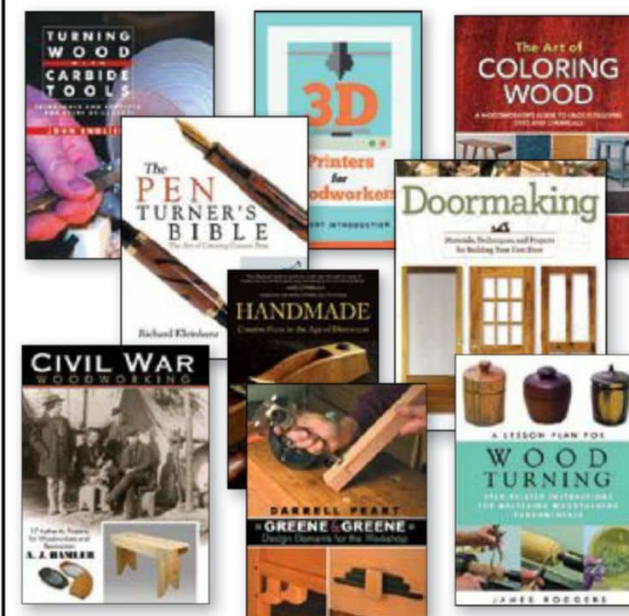
EMERGING ARTIST AWARD

The **Pence Gallery** in Davis, CA offers its annual *Emerging Artist Award*, to support an artist—in any medium—to further work in a significant direction. 'Emerging' is defined as an artist who is early in their art career, with solid studies in art, and exhibit experience in group shows, but not an extensive solo exhibit history. With a submission deadline of Apr. 1, the selected recipient will be awarded \$3,000 and a solo exhibit at the Pence Gallery in 2022. For info, visit the website: www.pencegallery.org/calltoartists_2021.html/.

HOME

The **Arc Gallery** in San Francisco, CA hosts *Home*, May 15-June 12. Open to all media, this exhibit asks artists "What does 'home' mean to you?" Entry deadline is Mar. 15. For info, visit the website: www.arc-sf.com/.

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OPPORTUNITIES



Bruce Philips
(Garden Ridge, TX)
1776 Meets 2020 Settee



Mike Roberts
(San Antonio, TX)
Segmented Coffee Table

2020 TEXAS FURNITURE MAKERS SHOW

The 21st annual *Texas Furniture Makers Show* was held, Nov. 5-Dec. 18, at the **Kerr Arts & Cultural Center**, in Kerrville, TX. This exhibition promotes the visibility and fosters the development of the art and craft of furnituremaking in the State of Texas. On display were over 29 handcrafted furniture pieces by 25 craftspeople from throughout the state.

The *Best of Show* winner was **Bruce Philips** of Garden Ridge for his beautifully-crafted Settee, *1776 meets 2020*. *Second Place* was presented to **Mike Roberts** (San Antonio) for his *Segmented Coffee Table*, and *Third Place* was awarded to **Rex White** (Fredericksburg) for his tall table and chairs, *Wine Tasting at its Finest*. Among the other award winners were: *BEST CONTEMPORARY STYLE*—**Matthew Kressen** (Austin), *Kaffeebord*; *BEST TRADITIONAL FURNITURE*—**Paul Neal Paschal** (San Angelo), *Jenny Lind Bed*; *BEST TEXAS STYLE*—**Joel Adams & Eric Eifeldt** (Manvel), *The Twin Sisters*; *BEST APPRENTICE*—**Guopeng Chen** (Austin), *Meowtable*; and *PEOPLE'S CHOICE*—**Wayne Delyea** (Grandbury) *Rocking Chair*.

The 2021 *Texas Furniture Makers Show* will be held in the Fall. Entry forms will be posted in July, at www.kackerrville.com/. For further info, call: (830) 895-2911.



Randolph Secret
(Spicewood, TX)
Texas Mesquite Chest

Rex White
(Fredericksburg, TX)
Wine Tasting at its Finest



Robert Kelly (Houston, TX)
Grandbobby Chess Table

OPPORTUNITIES



Guopeng Chen (Austin, TX)
Meowtable

Paul Neal Paschal
(San Angelo, TX)
Jenny Lind Bed

Matthew Kressin
(Austin, TX)
Kaffeebord



Joel Adams &
Eric Eifeldt
(Manvel, TX)
The Twin Sisters



Dan Curry
(Austin, TX)
Goddard Corner Chair



Bill Price
(Houston, TX)
Texas Gaming Table



WHAT'S HAPPENING

PERIOD FURNITURE MAKERS CONFAB

The 2021 Colonial Williamsburg Working Wood in the 18th Century conference will be held virtually, Jan. 14-17. The theme of this 23rd annual event is *Back to Work: Functional Furniture for Home and Shop*, and presentations will explore furnishings, fixtures, and tools designed for work at home and in the shop. Faculty includes **Christopher Schwarz, Bob Van Dyke, Bill Pavlak**, and other Master Craftsmen of Colonial Williamsburg. For program info, visit the website: www.colonialwilliamsburg.org/learn/on-site-opportunities/educational-conferences-forums-symposiums/working-wood-18th-century or call: (800) 603-0948.

NATIONAL ARTS & CRAFTS CONFAB

Due to the coronavirus, the 34th National Arts and Crafts Conference—held annually in February at the beautiful Omni Grove Park Inn in **Asheville, NC**—is being converted into a virtual event. This on-line event, Feb. 1-28, will include exhibits (antiques, contemporary work, services & historic sites), seminars, discussions, videos, and tours. For a daily schedule, information, and registration, visit the website: www.arts-craftsconference.com or call: (828) 628-1915.

NAMM GOES VIRTUAL

The National Association of Music Merchants holds its 2021 NAMM Show, as a week-long *Believe in Music* virtual event. Starting Jan. 18, this event will consist of a worldwide marketplace of musical instruments and supplies, education programming, and networking opportunities. For info: www.namm.org/.

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VIRTUAL WORLD WOOD DAY

The annual **World Wood Day** is going virtual in 2021. Organized by the **World Wood Day Foundation** and **International Wood Culture Society**, this international festival—which annually rotates venues across continents—brings together hundreds of wood artisans from around the world to explore the diversity of woodworking through demonstrations, collaborations, presentations, exhibitions, discussions, workshops, children's activities, and musical performances. Due to COVID-19, the 2020 event, scheduled for Japan was cancelled. With continuation of the pandemic, the 2021 celebration will be held over the Internet in mid-March. Details will be provided at the website: www.worldwoodday.org/2021/.

THE WOODWORKING SHOWS

The **Woodworking Shows** have announced a tentative 2021 schedule, contingent upon local health conditions, and again, no events are planned for the West Coast. The 12-city tour does include stops in **St. Louis, MO** (Feb. 5-7) and **Kansas City, MO** (Mar. 12-14). These shows feature a variety of educational offerings and equipment and supply vendors, demonstrating products for professional and hobbyist woodworkers. For the latest schedule and details, visit the web site: www.thewoodworkingshows.com or call: (800) 826-8257.

CANADIAN WOOD SHOWS GO VIRTUAL

With no woodworking shows coming to the West Coast in the Spring, we, at least, can experience the **Canadian Woodworking Shows**, which are going virtual this year. Scheduled for Mar. 5-7, this event features seminars on various woodworking topics and vendor presentations. For info, visit the website: www.woodshows.com/.

TEXAS WOODWORKING FESTIVAL

The 3rd annual **Texas Woodworking Festival** had been rescheduled for Apr. 17 in **Austin, TX**. This event, a mix of beer festival and woodworking-themed farmers market, brings together local woodworking organizations, content creators, furniture makers, and tool manufacturers for a day of food, drinks, and all things woodworking. Proceeds benefit the **Austin School of Furniture & Design**. For info, visit the website: www.texaswoodworkingfestival.com or call: (361) 857-9228.

NO. CAL. WOOD & CRAFT EXPO

The new consumer **Wood & Craft Expo** is taking place May 15-16, at the Solano County Fairgrounds in **Vallejo, CA**. This event, which features vendor booths and educational activities, takes place as part of the *Festival of Shows*, in conjunction with other shows featuring home & garden, fishing, sewing & quilt, and art. There also will be entertainment, music, and performances, as well as a fundraising dinner in the evening. For the latest details, visit the website: westcoastproductionsllc.com/.

BODGER & GREEN WOODWORKING

The 2021 **U.S. Bodgers Ball and Green Wood Festival** is taking place June 25-27, in **Mount Horeb, WI**. Modeled after the *Bodger Balls* in the U.K., this event brings together chair-makers and other craftspeople to increase understanding and expertise in green woodworking with hand tools. For info, visit the website: www.usbodgersball.us or call: **Steve First**, (608) 239-4326.

WHAT'S HAPPENING

WEEKEND WITH WOOD MAGAZINE

Wood Magazine again has rescheduled its 8th annual *Weekend with Wood* to May 13-16, at the publication's headquarters in **Des Moines, IA**. With nearly 60 topics, this event features intensive woodworking instruction taught in small classes by such Master woodworkers as: **Bob Behnke, Kevin Boyle, Chris Carlson, Guy Dunlap, Scott Grove, Sam Hamory, Jim Heavey, Bob Hunter, Randy Johnson, Russ Mason, Randy Maxey, John Olson, Don Roden, Craig Ruegsegger, Brian Simmons, David Thiel, George Vondriska, and April Wilkerson**. For info, visit the website: www.weekendwithwood.com or call: (888) 636-4478.

HANDMADE INSTRUMENT CONFAB

The 44th annual **Handmade Musical Instrument Exhibit** is tentatively scheduled for Apr. 24-25 at the Sylvania Campus of Portland Community College, **Portland, OR**. Over 80 instrument makers from the Pacific Northwest will be exhibiting and performing with their handmade string instruments. For info, visit the website: www.nwmusicalinstrumentshow.org/.

KALEIDOSCOPE CONVENTION

The **Brewster Society** is planning to hold its 2021 **Kaleidoscope Expo**, May 20-23, at the Raleigh Marriott Crabtree Valley in **Raleigh, NC**. This event, *Flights of Imagination*, features classes, presentations, collector and retailer events, and a showroom displaying over 1,000 kaleidoscopes for viewing and purchase. For info: www.brewstersociety.com/.

WORLD OF WOOD

The **International Wood Products Association** holds its 64th annual **World of Wood** convention, Apr. 14-16, at the Hard Rock Hotel in **San Diego, CA**. This conference addresses the global wood product industry, providing access to over 300 importers, U.S. manufacturers, exporters, wholesalers, offshore suppliers, and service providers from nearly 30 countries. For info, visit the website: www.iwpawood.org/.

WOOD FLOORING EXPO

The **National Wood Flooring Assoc.** holds its 2021 **Wood Flooring Expo**, Apr. 28-30, in **Baltimore, MD**. This conference offers the latest products and trends in wood flooring and educational programs to learn valuable tips and tools from the experts. For info, visit the website: www.nwfaexpo.org/.

KITCHEN & BATH, BUILDING SHOWS

The 2021 **Kitchen & Bath Industry Show** and the **International Builder's Show**—scheduled for Feb. 9-11, in **Orlando, FL**—will be held as virtual events. Registration is free for all NKBA and NAHB members. For info, visit www.kbis.com or www.buildersshow.com/.

BUILD EXPO USA

Build Expo USA conducts building and construction shows, featuring dozens of industry seminars & hundreds of exhibitors. Upcoming regional shows are scheduled for **Austin, TX** (Jan. 26-27) and **Los Angeles, CA** (Feb. 24-25). For info, visit the website: www.buildexpousa.com or call: (512) 249-5303.

NATIONAL HARDWARE SHOW

The **National Hardware Show** will attempt to return to a live format, May 11-13, at the Convention Center in **Las Vegas, NV**. For info, visit www.nationalhardwareshow.com/.

2021 AWFS FAIR REGISTRATION OPENS

The 57th biennial **AWFS®Fair** will take place, July 20-23 at the Las Vegas Convention Center in **Las Vegas, NV**. Sponsored by the **Association of Woodworking & Furnishings Suppliers (AWFS)**, this will be the largest North American woodworking show of the year, featuring woodworking equipment and technology, supplies, services, exhibitions, and educational activities. A *Fair Pass* is \$50; special pricing for educators and students. For info, visit the website: www.awfsfair.org or call: (800) 946-2937.

AAW SYMPOSIUM IN OMAHA

The **American Association of Woodturners** is planning to hold its 35th Annual Symposium, July 15-18, in **Omaha, NE**. This event features a variety of educational and technique sessions, various exhibitions, *Instant Gallery*, a trade show, and social activities. For info, visit the website: www.woodturner.org or call: (877) 595-9094.

OREGON WOODTURNING SYMPOSIUM

The **Oregon Woodturning Symposium** is another casualty of the COVID-19 pandemic. Sponsored by the **Oregon Association of Woodturners**, the 4th biennial *Woodturning Symposium*, scheduled for Mar. 19-21, has been cancelled, with hopes of resumption in 2022. For info, visit the web site: www.oregonwoodturningsymposium.com/.

WOODTURNING HANDS-ON RETREATS

The *Hands on Woodturning Retreat at Nave's Sawmill* is tentatively being planned for Mar. 4-7, in **Kingsville, TX**. Sponsored by **Nave's Sawmill, Coastal Bend Woodturners Club**, and **AAW**, this event provides hands-on instruction with experienced woodturning teachers. For info, visit the website: www.handsonsawmill.com or call: (361) 522-5948.

Organized by noted turning instructor **Ron Campbell**, the annual *Campbell's Hands on Retreat* in **Cedar Springs, MI** is tentatively scheduled for June 10-12. Limited to 100, this event provides woodturners, regardless of ability, a chance to develop various lathe techniques, under the guidance of experienced craftsmen. For info, visit the website: www.facebook.com/campbellsretreat/.

YUMA SYMPOSIUM

The 2021 **Yuma Symposium**—which annually takes place in February in **Yuma, AZ**—is being cancelled, due to uncertainty related to the coronavirus. Hopefully, the event will be resumed in February, 2022. This annual art-filled event includes slide lectures and demonstrations by internationally-recognized and emerging artists, in all media. For info, visit the web site: www.yumaartsymposium.memberlodge.org or call: (928) 782-1934.

MOSAIC ARTS SUMMIT

The Society of **American Mosaic Arts** is taking its *American Mosaic Summit* virtual, Feb. 5-7. This conference addresses the art form of mosaics in all media. For info, visit www.americanmosaics.org or call (724) 259-7555.

REDWOOD LOGGING CONFERENCE

The 83rd annual **Redwood Regional Logging Conference** will be held Mar. 18-20 in **Ukiah, CA**. This event features educational sessions, competitions, and demos of portable sawmills, from around the country, as well as a logging show. For info, visit the website: www.rrlc.net or call: (707) 443-4091.

ON EXHIBIT

AAW GALLERY OF WOOD ART

75 5th St. W., St. Paul, MN (651) 484-9094

The Gallery of the **American Association of Woodturners** features turned work from the permanent collection, thru February.

ANCHORAGE MUSEUM

121 W. 7th Ave., Anchorage, AK (907) 343-4326

The Anchorage Museum hosts *Alaska Biennial 2020*, thru Apr. 4. This exhibit features new works by Alaska contemporary artists in various media. Wood artists include **Jessie Hedden, Robert LaMontagne, Emily Longbrake, Terry McBee, David Personius, Mike Smith, Marianne Stolz**, and **Tamara Wilson**.

ARIZONA FINE ARTS EXPO

26540 N. Scottsdale Rd., Scottsdale, AZ (480) 837-7163

Arizona Fine Art Expo showcases over 100 artists in all media, Jan. 15-Mar. 28. Among the wood artists participating are **William Daggett, Jess Davila, Kevin DesPlanques, Scott & Stephanie Shangraw, Paul Sirba**, and **Lori Thompson**.

ARTWOOD

1000 Harris Ave., Bellingham, WA (360) 647-1628

Artwood features hand-made *Ukleles* by **Michael Flaherty** in January. The former woodshop teacher crafts beautiful instruments out of Koa, Walnut, Cedar, Sitka Spruce, Mango, and other amazing woods. For February, the work—in all forms—by 22 local turners will be showcased.

ARVADA CENTER

6901 Wadsworth Blvd., Arvada, CO (720) 898-7255

The Arvada Center hosts two wood exhibitions Jan. 21-Apr. 25. Occupying the Main and Upper Galleries, *Wood Works* features 24 regional artists using wood as their primary medium, including massive installations, elegant sculptures, and 2-D reliefs. The Theatre Gallery will host **Carley Warren: Three Pieces**, which features a new series of wood sculptures by this Colorado artist.

CELEBRATION OF FINE ART

Scottsdale Rd./Mayo Blvd., Scottsdale, AZ (480) 443-7695

The 31st annual *Celebration of Fine Art*, Jan. 16-Mar. 28, features over 100 multi-media artists, working in studios under a huge 40,000 sq. ft. tent. Among the wood artists participating are **David Barkby, Joseph Deru, Jeremy Firehammer, Carlos Page**, and **Brian Sykes**.

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CRAFT IN AMERICA STUDY CENTER

8415 W. 3rd St., Los Angeles, CA (310) 659-9022

The Craft in America Study Center presents *Making Waves: Ocean Ecology & Craft*, Jan. 16-June 19. This exhibition features multimedia work addressing ecological and human-generated threats to our oceans. Among the pieces is a carved wood sculpture of complex patterns and forms by **Po Shun Leong** in homage to life under the sea.



Po Shun Leong
Under the Sea
Maple

COLLECTIVE VISION GALLERY

331 Pacific Ave., Bremerton, WA (360) 377-8327

The Collective Vision Gallery hosts its 2021 CVG Show, Jan. 23-Feb. 26. This 14th annual *Washington State Juried Art Competition* features juried work in all media.

CRYSTAL BRIDGES MUSEUM

600 Museum Way, Bentonville, AR (479) 418.5700

The Crystal Bridges Museum of American Art presents *Crafting American*, Feb. 6-May 31. This exhibition presents a diverse and inclusive story of American craft from the 1940s to today, including over 100 works in a variety of materials. Woodwork includes pieces by **Dorothy Gill Barnes, Charissa Brock, Amanda Crowe, Wharton Esherick, Robyn Horn, Todd Hoyer, Stoney Lamar, Leon Niehues, Michael Peterson**, and **Bob Stocksdaile**.

DALLAS MUSEUM OF ART

1717 N. Harwood, Dallas, TX (214) 922-1200

The Dallas Museum of Art presents *Devoted: Art and Spirituality in Mexico and New Mexico*, Feb. 21-Jan. 22. This show features devotional works drawn from the DMA's Latin American collection, including carved wood.

DOLPHIN GALLERY

39225 Highway One, Gualala, CA (707) 884-3896

The Dolphin Gallery continues *The Winter Exhibit* thru Jan. 31. This multimedia exhibition includes wood sculpture by **Paula Haymond** and **Chuck Petersen**.

ESCONDIDO MUNICIPAL GALLERY

262 E. Grand Ave., Escondido, CA www.escondidoarts.org

Due to increases in COVID-19 cases, the **Escondido Arts Partnership (EAP)** has cancelled the 2021 *Wood: A Furniture Show*, scheduled for January-February. Instead, a series of videos, featuring Southern California fine wood craftsmen, will be available on its website.

ON EXHIBIT

FIGGE ART MUSEUM

225 W. Second St., Davenport, IA (563) 326-7804

The Figge Museum presents *Seating By Design*, thru Jan. 17. This exhibit features innovative furniture designs created by former students of the **University of Iowa's 3D Design Programs**.

HARWOOD MUSEUM OF ART

238 Ledoux St., Taos, NM (575) 758-9826

The Harwood Museum of Art presents *Contemporary Art/Taos*, thru Apr. 18. This multimedia exhibition features 28 works by local artists, including woodworkers **Gray Mercer, Dean Pulver**, and **Izumi Yokoyama**. The museum also has extended **Dean Pulver's** solo show, *Elemental Resonance*, thru February.

HOUSTON CENTER FOR CRAFT

4848 Main St., Houston TX (713) 529-4848

The Houston Center for Contemporary Craft presents *Breaking Tradition: Contemporary Approaches to the Decorative Arts*, thru Jan. 2. This 3-person show includes work by furnituremaker **Sophie Glenn**.

HUI NO`EAU VISUAL ARTS CENTER

2841 Baldwin Ave., Makawao, HI (808) 572-6560

The Hui No'eau Visual Arts Center presents its 2021 *Annual Juried Exhibition*, Jan. 15-Feb. 19. This multimedia exhibition features work by local Maui artists, in all media.

ISAACS ART CENTER

65-1268 Kawaihea Rd., Kamuela, HI (808) 885-5884

The **Hawaii Wood Guild** holds its 35th *Annual Wood Show*, Jan. 18-Feb. 26. Some 50 wood artists from the Big Island will be exhibited, from small, hollow vessels to large works of furniture.

LOS ANGELES INTERNATIONAL AIRPORT

Terminal 1, Los Angeles International Airport

Los Angeles International Airport hosts *Craft in America: LA Made*, thru Oct. 1. Organized by **Craft in America**, this exhibit showcases work by 8 multimedia artists, including a wood sculpture by **Po Shun Leong**.

MACNIDER ART MUSEUM

303 2nd St. SE., Mason City, IA (641) 421-3666

The Charles H. MacNider Art Museum presents *Area Show 47*, Jan. 22-Apr. 7. This all-media exhibition features work by artists from North Central Iowa and Southern Minnesota (residing within 100 miles of Mason City). Selected artists include woodworkers **Joel Gonnerman** and **Robert Wallace**.



Robert Wallace
(Ames, IA)
Stannous Annulus Grandis
Macacuba, cast pewter,
lacquer

LOVELAND MUSEUM

503 N. Lincoln Ave., Loveland, CO (970) 962-2410

The Loveland Museum presents *Flora & Fauna*, thru Jan. 9. This exhibit features natural world and animal sculptures by **Elen Woodbury** and **Kathryn Vinson**, in various media.

MENDOCINO ART CENTER

45200 Little Lake St., Mendocino CA (800) 653-3328

The Mendocino Art Center hosts its *Holiday Gift Show*, thru Jan. 4. Among the multimedia work are wood sculptures by **Kerry Marshall**.

MUSEUM OF SONOMA COUNTY

425 7th St., Santa Rosa, CA (707) 579-1500

Due to the coronavirus and uncertainty of the wildfires, the Museum of Sonoma County is hosting a modified version of the annual *Artistry in Wood* exhibition, thru March. This showcase will be limited to selections by the museum staff of work by members of the **Sonoma County Woodworkers**. The exhibition can be seen on-line at: www.museumsc.org/2020-artistry-in-wood/.

PATTERSON-APPLETON ARTS CENTER

400 East Hickory, Denton, TX (940) 382-2787

The Greater Denton Arts Council presents *Materials: Hard + Soft*, Feb. 5-May 8. This 34th annual *International Contemporary Craft Competition & Exhibition* celebrates the evolving field of contemporary craft and the remarkable creativity and innovation of artists, who push the boundaries of their chosen media. This multimedia exhibition consists of 77 pieces by 73 artists from 28 states and 9 countries. Wood artists include **Kailee Bosch** (CO), **Jonathan Lanier** (AL), **Arthur McVicar** (LA), **Elisa Ortega Montilla** (CA), **Joey Slaughter** (LA), and **Lynn Szymanski** (NH).

SANGRE DE CRISTO ARTS CENTER

210 N. Santa Fe Ave., Pueblo, CO (719) 295-7200

The Sangre de Cristo Arts Center presents *Line + Shape + Color + Noise*, thru Jan. 17. This exhibit showcases over 100 new colorful sculptural works by former toymaker **Sean O'Meallie**.

Joel Gonnerman
(St. Ansgar, IA)
Ancient Diamonds
Walnut, Zebrawood,
Wenge
(26" h, 14" dia.)



ON EXHIBIT

SHEMER ART CENTER

5005 E. Camelback Rd., Phoenix, AZ (602) 262-4727

The Shemer Art Center presents *Reclaimed*, thru Jan. 7. This group exhibition features artwork created using recycled materials.

SPARKS GALLERY

530 Sixth Ave., San Diego, CA (619) 696-1416

The Sparks Gallery presents *Allied Craftsmen 2020*, thru Feb. 14. This exhibit features multimedia work by local artists, including sculptural wood pieces by **Beston Barnett** and **Paul Henry**.

STONINGTON GALLERY

125 S. Jackson St., Seattle, WA (206) 405-4040

Stonington Gallery presents *Skyward*, thru Jan. 30. This multimedia exhibition features work inspired by the celestial sky, including sculptural woodwork by **Jason Hunt**, **Ceara Lewis**, **Wayne Price**, **Greg Robinson**, **Hib Sabin**, and **Jennifer Angaiak Wood**.

THE MINI TIME MACHINE

4455 E. Camp Lowell Dr., Tucson, AZ (520) 881-0606

The Mini Time Machine Museum of Miniatures presents *The Whimsical Village of Medow*, thru Jan. 10. This exhibition includes more than a dozen handcrafted, whimsical miniature dwellings designed and created by wood sculptor **Mike Medow**.

MESA CONTEMPORARY ARTS

One E. Main St., Mesa, AZ (480) 644-6560

Mesa Contemporary Arts presents the 42nd annual *Contemporary Crafts* exhibition, Feb. 12–Apr. 18. This show features 47 works by 30 artists from 11 states in ceramics, fiber, basketry, metal, wood, glass, jewelry, papermaking, and book arts. Selected wood artists are **J. Paul Fennell** (Scottsdale, AZ), **Dean Johnson** (Santa Fe, NM), and **Warren Woodson** (Mesa, AZ).

Warren Woodson
Pixelation
Wood
(60" h, 48" w, 2" d)



J. Paul Fennell
Les Sept Mers 2
Mesquite
(7" h, 7" dia.)



J. Paul Fennell
Shoal
Unknown Wood
(8" h, 6" dia.)



Dean Johnson
Orange #2
Aspen
(11 1/2" h 10" dia.)



TUCSON BOTANICAL GARDEN

2150 N. Alvernon Way, Tucson, AZ (520) 326-9686

The Tucson Botanical Garden presents *Bird Houses and Nests*, thru Jan. 3. In conjunction with **SculptureTucson**, this exhibit features large-scale outdoor sculptures.

TURTLE BAY EXPLORATION PARK

844 Sundial Bridge Dr., Redding, CA (530) 243-8850

The Turtle Bay Exploration Park hosts *Bench Press: Please Be Seated—Please*, thru Jan. 10. This multimedia exhibition features communal seating by 13 Northern California artists.

WALKER FINE ART

300 W. 11th Ave., #A, Denver, CO (303) 355-8955

Walker Fine Art presents *Begin Again*, thru Jan. 9. This multimedia inspirational 6-person show includes wood wall sculptures by **Caprice Pierucci**.

WASHINGTON STATE HISTORY MUSEUM

1911 Pacific Ave., Tacoma, WA (253) 272-3500

The Washington State History Museum presents *Collections Selections: The Not-So-Ordinary*, thru Jan. 17. On display is a selection of historic bicycles from the late 19th and early 20th centuries, from the museums collection.

ORGANIZATIONAL NEWS

Most local woodworking clubs have gone on hiatus in conducting in-person activities, which is understandable given the age of membership and closure of public facilities. Instead, many clubs are continuing to conduct virtual monthly meetings via on-line Zoom formats. Here is a sampling of known programs, but verify, as schedules may be fluid.

ARIZONA

The **Arizona Woodturners** will have a virtual demo on hollow form embellishments by **J. Paul Fennell**, Jan. 16. For info: www.azwoodturners.org/.

The Phoenix-area woodworking clubs have cancelled the annual *Desert Woodcarving & Fine Woodworking Show*. Hopefully, it can resume in February, 2022. For info: www.desertwoodcarving-show.com/.

ARKANSAS

The **Central Arkansas Woodturners** will have a demo by **David Ellsworth**, Jan. 9. For info: www.centralarwoodturners.org/.

CALIFORNIA

The **Bay Area Woodturners** will have virtual presentations on *Spalting* by **Dr. Seri Robinson**, Jan. 9, and on *Wheel of Delicacy* by **Michael Alguire**, Feb. 13. For info: www.bayareawoodturners.org/.

The **San Diego Woodturners** will have virtual demos with **Eric Lofstrom**, Jan. 16, and **Jeff Hornung**, Feb. 20. For info: www.sdwat.org/.

Due to the coronavirus and regional wildfires, the 32nd *Artistry in Wood* exhibition at the Museum of Sonoma County, in Santa Rosa, is being replaced with an exhibit of pieces by members of the **Sonoma County Woodworkers**, thru March. The exhibition can be seen on-line at: www.museumsc.org/2020-artistry-in-wood/.

HAWAII

The **Big Island Woodturners** hold their 23rd anniversary exhibit, in Mar. 5-26, at the Wailoa Center. For info: www.bigisland-woodturners.org/.

The **Hawaii Wood Guild** holds its 35th Annual Wood Show, Jan. 18-Feb. 26, at the Isaacs Art Center in Kamuela. For info: www.hawaiiforestinstitute.org/our-projects/hawaii-wood-guild/.

IDAHO

Idaho wood clubs come together to showcase members' works at the 2021 *Idaho Artistry in Wood Show*, Apr. 24-25, at **Jack's Urban Meeting Place** in Boise. For info: www.idahoartistryinwood.org/.

OREGON

The **Cascade Woodturners** will have a virtual demo on turning a calabash bowl by **Emiliano Achaval**, Jan. 21. For info: www.cascadewoodturners.com/.

The **Northwest Woodturners** will have a virtual demo on *Intricate Hollow Forms* by **Michael Alguire**, Feb. 4. For info: www.northwestwoodturners.wildapricot.org/.

The **Guild of Oregon Woodworkers** will have a virtual presentation with carver **Leroy Setziol**, Jan. 12. For info: www.guildoforegonwoodworkers.org/.

The **Siskiyou Woodcraft Guild** continues its virtual exhibition of members' fine woodworking on its website: www.siskiyouwoodcraftguild.org/.

The **Willamette Valley Woodturners** will have a demo by **Mike Peace**, Jan. 14. For info: www.willamettevalleywoodturners.com/.

TEXAS

The **Gulf Coast Woodturners** will have a virtual hands-on gilding class with **Cindy Drozda**, Jan. 2. For info: www.gulfcoast-woodturners.org/.

The **Woodturners of North Texas** will have a virtual demo on turning a calabash bowl by **Emiliano Achaval**, Jan. 28. For info: www.wntx.org/.

WASHINGTON

The **Inland Washington Woodturners** will have a virtual demo by **Kirk DeHeer**, Jan. 7. For info: www.inwoodturners.com/.

The **Mid-Columbia Woodturners** will have a virtual demo on *Maximizing Burl Figure* by **Cindy Drozda**, Jan. 9. For info: www.midcolumbiawoodturners.org/.

The **Northwest Washington Woodturners** will have a virtual skew demo by **Jim Echiter**, Jan. 21, and a virtual *Bowl Within a Bowl* demo by Australian **Theo Haralampou**, Feb. 21. For info: www.nwwwt.org/.

The **South Puget Woodturners** and **Woodturners of Olympia** will have a virtual basket illusion demo by **Harvey Meyer**, Feb. 13. For info: www.spswoodturners.org/ and www.woodturner-sofolympia.org/.

NATIONAL

The **American Association of Woodturners** are offering a series virtual remote demonstrations. The upcoming schedule includes:

- Jan. 2 Square Edge Wavy Off-Center Bowl (**Phil Rose**)
 - Jan. 6 Hollow Form (**Lyle Jamieson**)
 - Jan. 9 Texturing with Power Tools (**Roberto Ferrer**)
 - Jan. 12 Sharpening Turning Tools (**Ed Pretty**)
 - Jan. 17 Butterflies, Beetles, and Dragonflies (**Scott Grove**)
- For info: www.woodturner.org/

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From David Marks Studio

Making Wooden Knuckle Hinges

by David Marks

Making your own hinges out of wood can be the perfect complement to any project with moving components. Though only a minor element, it can have a major impact on the overall feel, greatly enhancing the handcrafted nature of the piece of furniture—rather than using metal hardware, associated most with manufactured products.

The wooden hinges described in this article are designed specifically for use with folding screens (such as the *3-Panel Folding Screen* shown below), but the idea can be modified and adapted to be used in a wide variety of furniture applications.

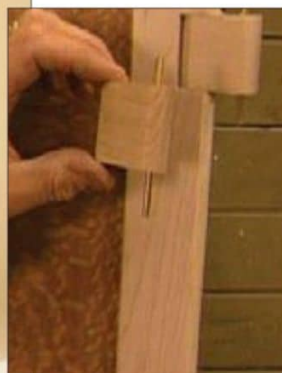
For a folding screen to function properly, it needs to be able to stand up by itself anywhere in a room and fold up flat for storage. Thus, the hinges need to be “bi-fold,” allowing the panels to be folded against themselves. In order to accomplish this, the hinges need full 180° movement, and the edges of the stiles and knuckles of the hinges have to be rounded so that there is clearance for them to pivot.

I begin by cutting the hinge recess (or mortise) into the stiles, which are the vertical members of the frames. These have to be laid out and cut accurately to ensure that the hinges are aligned and move smoothly. I used a piece of $\frac{3}{4}$ " thick plywood as a template, notched it on the table saw, then after rough cutting the mortises with a jigsaw, clamped it to each stile measuring off the bottom, and routed them using a flush trim bit. Afterwards I used a sharp chisel to square up the corners (Figure 2).



3-Panel Folding Screen with Wooden Hinges
Lacewood,
ebonized Maple
(72" h, 60" w, $\frac{3}{4}$ " d)

FIGURE 1
Detail of the
wood hinges



David Marks has been a studio furniture maker in Santa Rosa, CA for over 40 years and was the host of the popular woodworking television series *WoodWorks* on the DIY network. He also has been a contributor to *Woodworker West*, since 2004.

All 91 episodes of the seven seasons of *WoodWorks* can be purchased as DVDs—by season—or as individual downloadable episodes, from David's eStore at: www.djmarks.com/estore/. Also available are project plans.

David conducts hands-on private classes in his Santa Rosa, CA studio. For info, visit the website: www.djmarks.com/classes/.

The next step is to mill the stock for the hinge knuckles. You want to orient the grain so that it is perpendicular to the stiles. This means that the grain is running the length of the knuckle. If the grain was running parallel to the stiles, it would be weaker and could possibly break.

At this point, I have a piece of hardwood stock that is $\frac{3}{4}$ " thick by 2" long but about 4 or 5 times as wide as I need. The extra width is helpful during the next step, which is to radius the ends with a $\frac{3}{8}$ " radius bit at the router table. The extra width helps to support the stock against the router fence; afterwards they can be cut to width.

Holes that will accept $\frac{1}{8}$ " brass pins are then drilled through the hinge, centered $\frac{3}{8}$ " from the rounded edge at each end of the stock. For precise drilling of the two holes, a precision machinist's vise is used at the drill press with a $\frac{1}{8}$ " bit (Figure 3). The machinist's vise uses threaded rods for exact adjustments and settings. The precise adjustability of the vise—coupled with a wooden stop block taped in place on the face of the vise—ensures uniformity in drilling the holes—so that the hinges will line up accurately and allow proper operation once installed in the framework.

The pins are created by cutting $\frac{1}{8}$ " brass dowels on a bandsaw—with a bimetal blade—into 3" lengths. Use a disc sander to smooth the edges on the ends of the pins to ensure that they'll turn smoothly in the holes. The pins then can be inserted into both holes of the hinge.

To prepare to install the hinges with pins in place into the notches in the frame, a router with a slot cutting bit is used to cut a $\frac{1}{8}$ " slot (3" long and $\frac{1}{2}$ " deep) on either side of the mortise in the stiles (Figure 4). Then, the hinge with pins can be inserted into the slots (Figure 5) and concealed by gluing splines into the slots, which also serves the purpose of holding the pins in place. This process is done for each notch/mortise in the frames—in this case there are three sets of hinged mortises in each of adjacent panels.

Here's some good advice: apply some wax to the brass pins before gluing in the splines. The wax will prevent any excess glue from sticking to the splines and help ensure that the hinges will move freely.

For this screen example, the Maple frame and hinges are ebonized—i.e., dyed jet black—to create a nice contrast to the Lacewood panels. Wax is applied into the frame's notches to help ensure trouble-free movement of the hinge (Figure 6).

This technique is demonstrated in my *WoodWorks* video series—Episode #105—as part of the construction of the *3-Panel Folding Screen*. The video, as well as productions plans, notes, and list of materials are available for purchase (\$14.95) at my website: www.djmarks.com/woodworks/.



FIGURE 2
A notch (mortise)
is routed into the
stile of the frame
and squared with
a sharp chisel.



FIGURE 3
A precision
machinist's vise
holds the hinge,
while two holes
are drilled centered
 $\frac{3}{8}$ " from
each rounded side.



FIGURE 4
A slot is cut on
each side of the
notch with an
hand-held router
with a slot/kerf
cutter bit.



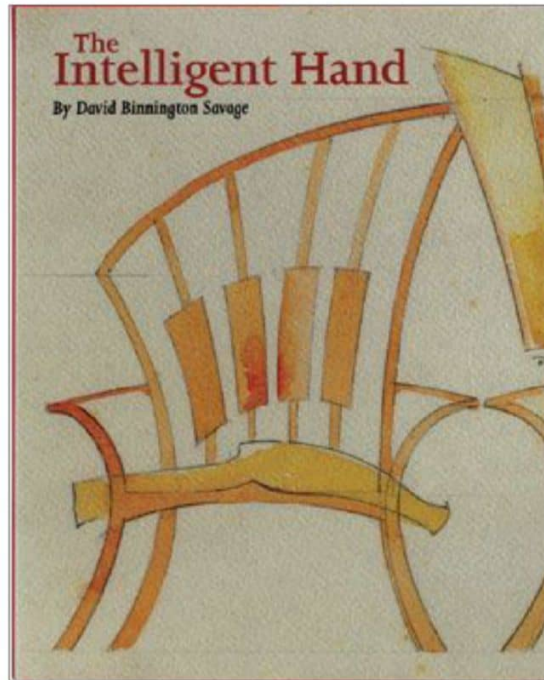
FIGURE 5
Installed in the hinge,
the brass pins are inserted
into the slots on either side of
the notch in the frame. A
spline is cut to size to
fill the slot and hold
the pins in place.



FIGURE 6
The hinge after
installation. The
Maple frame and
hinge were
ebonized.
Wax is applied
into the frame's
notch to help
ensure trouble-free
movement of the wooden
hinge.

Tools & Techniques

The Intelligent Hand by David Binnington Savage



British furniture designer-maker-writer-educator **David Binnington Savage** passed away two years ago (January, 2019), after a hard-fought battle with cancer. Known for utterly flawless craftsmanship with a flair, he attracted a clientele of the wealthy and eccentric, while teaching new generations of makers at his Rowden Atelier furniture design school in North Devon, England.

He began his second book, *The Intelligent Hand*, on the day that he received a cancer diagnosis with a grim prognosis. Unsure if he would finish, he wanted to leave something for future craftsmen, similar to the inspiration that he received from the books of **James Krenov** when he was starting out.

This is to help, encourage and support a decision to leave the world where thought and work are separated. Where they no longer exist together. This is for the brave souls who need to plough a contrarian furrow, where intelligence and making exist together, and you are in control of your life. Don't be scared, but don't expect it to be dull or easy. A life well lived never is dull or easy.

This essay is adapted from the introduction of *The Intelligent Hand*, (304 pages, \$50). The book is available from Lost Art Press, at its website: www.lostartpress.com/.

I want to share the story of a pair of cabinets that have just been finished. They will help tell a little about who I am. They are made in American Cherry, highly figured and among my more successful pieces. However, both the selection of the species and the wonderful figuring are complete mistakes, for which I can claim no credit. I wanted these pieces to be made in English Cherry. It has a greenish golden heather honey colour that has an elegance very suitable for bedroom furniture. I am pretty sure I said “English” to Daren, who ordered the wood, and I was sullen and grumpy for a while when the American Cherry arrived.

“I can’t get English in these thicknesses,” he said. “This is all I can find, and we are lucky to have that.” So, we carried on—no point doing anything else—and didn’t things turn out well! I could easily say how hard we looked for this highly figured stuff and how important it was to the concept, but that would be hogwash.

For most of my life I have made furniture for other people. Like the cobbler with poorly shod children, we have furniture in our home that has gone to exhibition but did not sell. What we don’t have is a handmade dining table and chairs or a pair of bedside cabinets. Storage in our bedroom is a moronic piece of furniture design from Habitat that closes two large drawers together and catches them in the centre. Push, just there, and maybe the catch will hold. Push anywhere else, and this aircraft carrier of a drawer springs out toward you, whacking you in the shins. But now, we have these made-to-measure Cherry lovelies.

They were largely made by **Daren Millman**, who is the senior cabinetmaker at Rowden, where we have been for nearly 20 years. Rowden is also a teaching school where we cover hand-tool techniques, machine techniques, drawing, design and business skills. Rowden is a farm owned by **Ted Lott**, who has retired and let out the farm buildings to us. During those 20 years, we have built up a workshop with an international reputation for making fine modern furniture to order. Before Rowden, I was in a workshop in Bideford for about eight years, where I did much the same, but not quite as well.

Not made fast, these cabinets. When asked how long these took, Daren would give his standard answer for any serious piece: “Oh, about 400 hours.” Whether it is a dining table set, or a cabinet with secret drawers, 400 hours seems to do it. Estimating times for making jobs is at the very guts of making a living in this biz, and Daren is spookily accurate. We do price estimates in two ways. I have an arm-waving, general feeling gathered after 40-odd years of making mistakes. “Oh, it’s about three months,” as I visualise the piece being made from timber arrival to polishing. And I do the estimating in days or parts of days. Cutting those rails will be about half a day. I

know this, for I have cut similar rails and seen others doing similar rails, and that’s how long it took!

But Daren is much more meticulous. He will settle down with paper and pen to plot the progress of components and processes through the workshop. Like me, he will begin at the beginning with timber ordering, visiting timber yards, making a cutting list right through to polishing, packing, and delivery. Each will have a time allocation. That time allocation, again, will be based on nearly 30 years’ experience. He will be better than me, but I will have got there faster. So, if I need a quick price, I will use the arm-waving method, and I may even ask Daren to wave his arms about. A serious job enquiry needs pen and paper, a nice comfy stool, and a tidy bench. And about half of an expensive day.

But this wasn’t being made for a customer so none of that mattered; we won’t be getting paid for the time spent. I was once accused of being very concerned about money by one of those gutless anonymous Internet trolls. This stunned me because all of our work has been for pay, but that was always secondary to making something that was special. If we could survive doing it, I would always want to make it as best we can—but to do that you need to know your numbers.

Way back in the early 1980’s, I read books by **James Krenov** that inspired me to take up working with wood, making furniture. He inspired a generation to hug trees and to love wood, and to make as beautifully as one could, but from the position of a skilled amateur. Jim never sought, I believe, to make a living from this. That was my madness. What Jim did do, however, was touch upon the reason that is at the core of this book. Why do we go that extra mile? Why do we break ourselves on that last 10 percent? This is the 10 percent that most people would not even recognise, or care about, even if it bit them on the leg. This is the bit that really hurts to get right, both physically and mentally.

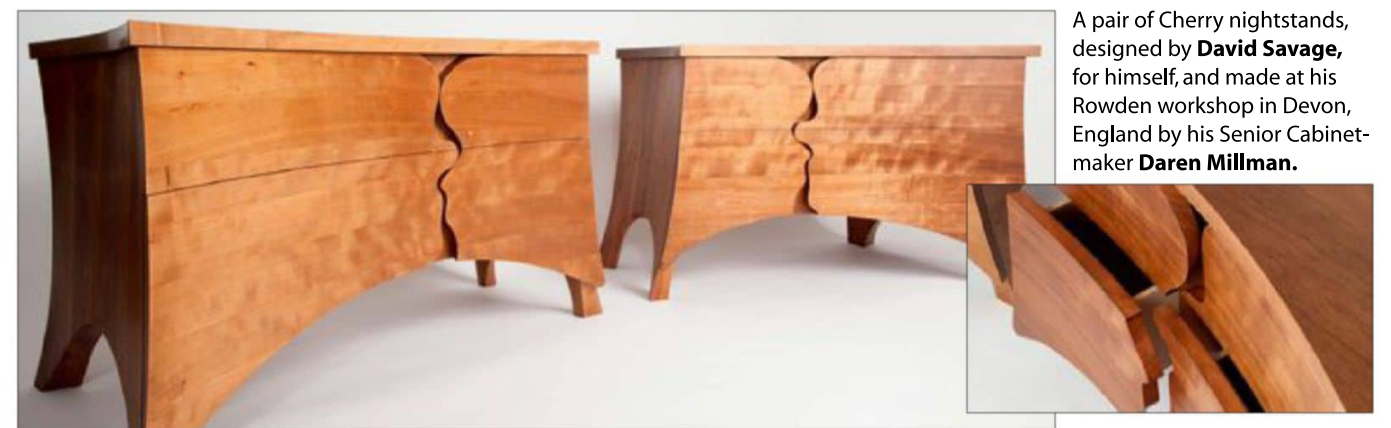
But get it right and deliver the piece and she says, “Wow, David, I knew it would be good, but not this

good.” Get this right, over deliver and soon you don’t need too many more new clients, for she will want this experience again and again. We have been making for the same clients now for most of my working life. They get it, they like it, and they have the means to pay for it. Your job is to do it well enough to get the “Wow, David,” have the satisfaction of doing it right, get the figures right, and feed your children. Not easy I grant you, but for some of you it will become a life well lived.

This is the quality thing at the centre of our lives. This is the issue that brings people to Rowden from all over the world to learn, each with what **Perry Marshall** would call “a bleeding neck” (something is wrong, or they wouldn’t be here). Each knowing they can do more with their lives. They come with damage that they feel can be fixed with a combination of physical work and intelligent solutions. Both are essential.

Physical labour is unfashionably sweaty. We generally now sit at terminals in cool offices. We are bound by contracts of employment that would make some 18th-century slave owners seem benign. The only exercise we get is the twitching of our fingers and the occasional trip to the coffee machine. Our bodies, these wonderful pieces of equipment, are allowed to become indolent and obese. We feed up with cornstarched fast food and wait for retirement. Exercise, if we take it, has no meaning; we don’t exercise to do anything. We run or jog, but we go nowhere. We work out in the gym and get the buzz, the satisfaction of the body’s response to exercise, but we don’t do anything. We don’t use the energy constructively to engage our minds and our hands to make stuff.

White collar work has become what we do, almost all of us in the Western world. It pays the bills and keeps us fed, we get a holiday and our children are kind of OK. And that is fine for most of us. But there are some of you who know that something is missing. Something creative, some way to spend your day working physically while exercising your body and your mind. Thinking and revising what you are making, as consequence of the quality of your thoughts. This is Intelligent making, this is *The Intelligent Hand*.



A pair of Cherry nightstands, designed by **David Savage**, for himself, and made at his Rowden workshop in Devon, England by his Senior Cabinet-maker **Daren Millman**.

Turning Topics

A WoodSymphony.com Exhibition

The Art of Giving 2020

With exhibition opportunities limited during the COVID pandemic, artists had to rely largely on Internet showcases to sell their work during the holiday season.

The on-line gallery, *Wood Symphony*, featured a multimedia collection of fine craft in the exhibition *The Art of Giving 2020*. Curated by artist **Larisa Safaryan**, this annual showcase features 120 pieces created by 57 prominent masters and emerging artists from 12 countries, including Australia, Canada, Italy, France, Germany, Ireland, Italy, South Korea, Sweden, Switzerland, United Kingdom, and the United States.

Here is a sampling of work. The full exhibition is available at www.woodsymphony.com. Future 2021 exhibition opportunities are *Turned and Sculpted Wood* (Mar. 1-31), *Inside The Box* (June 1-30), *Small Treasures* (Sept. 1-30), and *The Art of Giving 2021* (Dec. 1-31). For details, visit the website: www.woodsymphony.com/.



Bill Clark (Bakersfield, CA)
Falling Ginkgoes
Maple, TransTint Light Fast Dyes
(4 1/4" h, 3 1/4" dia.)

Jon Sauer (Pacifica, CA)
Tops on Tatoonie
African Blackwood, Amboyna burl, Betel Nut, Tagua Nut, Brown Mallee burl



Luigi D'amato (Switzerland)
Plate, 2020
Cherry
(9 1/2" dia., 3/4" d)



Jean-Pascal Lheureux (France)
Nautilus Minéralis
Ashwood, patines
(7" h, 18" dia.)



Angus Clyne (United Kingdom)
Trail
Burr Elm, metal stand, Danish oil
(12" h, 16" w, 1" d)



Nairi Safaryan (Glendale, CA)
Grape Jewelry Box
Pear
(5 3/4" h, 5 1/2" w, 5" d)



Dan Tilden (Ashland, OR)
Maple Burl Flower Vessel, 2020
Maple burl, Teak oil, lacquer
(13" h, 12" w, 12" d)



Roberto Ferrer (Chicago, IL)
Gladiator #3
Black Walnut, pigments
(14 3/4" h, 13 1/2" w, 1 1/2" d)



Keoni (Colorado Springs, CO)
Morning Fire Light
Sugar Maple, India inks, organic dyes, Malachite crystal, Arcanite crystal
(10 1/2" h, 12" w, 12" d)

Pat Carroll (Ireland)
Vessel of Time
Sycamore, metal cogs
(12" h, 6 1/2" dia.)



Pat & Karen Miller (Yakima, WA)
Art on the Half Shell
Manzanita, Black Walnut, bronze
(5" h, 12" w, 5 1/2" d)



WORKSHOPS • DEMOS • CLASSES

ARIZONA

ROBERTO-VENN SCHOOL OF LUTHIERY
1012 NW. Grand Ave., Phoenix, AZ (602) 243-1179

Feb. 4-Apr. 14 Guitar Making & Repair

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4626 E. Thunderbird Rd., Phoenix, AZ (602) 996-3488
Call for Classes

SOUTHWEST SCHOOL OF WOODWORKING
621 N. 7th Ave., Phoenix, AZ (480) 734-0274

Jan. 2 Beginning Pen Turning (Jessica Ramirez)
Jan. 6 Fundamentals of Traditional Woodworking I—12 sessions
Jan. 9 Three Tables—4 sessions (Doug Forsha)
Jan. 16-17 SketchUp Advanced
Jan. 22-24 Bowl Turning & Design (Matt Monaco)
Jan. 25-29 Beyond the Bowl: Turning Shapes & Styles (Monaco)
Jan. 30 Turn a Square Serving Platter (Forsha)
Feb. 1-5 Intro to Woodworking
Feb. 1 Fundamentals of Trad. Woodworking II—12 sessions (John Rivard)
Feb. 6-7 Beautiful Jewelry Box (Forsha)
Mar. 1 Fundamentals of Traditional Woodworking III—18 sessions
Mar. 6 Turning a Stool (Forsha)

WOODCRAFT—Phoenix
3002 N. Arizona Blvd., Ste. 12, Chandler, AZ (480) 539-9663
Call for Classes

WOODCRAFT—Tucson
6230 N. Oracle Rd., Ste. H-100, Tucson, AZ (520) 742-9663

Jan. 2 Intro to the Lathe: Spindle Turning (Chris Vemich)
Jan. 2 Suede Tex Flocking Demo
Jan. 3 Intro to Gourd Finishing (Lynne East-Itkin)
Jan. 5 Furniture Repair (Doug Wilson)
Jan. 7 Lathe Tool Sharpening (Vemich)
Jan. 9 Bowl Turning Basics (Vemich)
Jan. 10 Make a Scroll Saw Puzzle Box (Sharon Irene)
Jan. 12 Furniture Repair (Wilson)
Jan. 13 Beginning & Intermediate Intarsia (Dan Eklund)
Jan. 13 Hand Plane Tune-Up (Bridger Berdel)
Jan. 16 Beginning Carving (Vernon Farr)
Jan. 16 Beginning Chip Carving (Jim Preston)
Jan. 17 Intro to the Table Saw (Joseph Caputo)
Jan. 19 Furniture Repair (Wilson)
Jan. 20 Sharpening Clinic (Berdel)
Jan. 21 Beginning & Intermediate Finishing Techniques (Bob Levey)
Jan. 23 Band Saw Basics (Caputo)
Jan. 23 Festool Sanding System Demo
Jan. 24 Make Your Own Custom Wood Pen Blank (Chris Dabney)
Jan. 24 Wood or Acrylic Pen Turning (Dabney)
Jan. 26 Furniture Repair (Wilson)
Jan. 28 Guitar Building Q & A (Josh Ronstadt)
Jan. 30 Hide Glue Demo
Feb. 2 Furniture Repair (Wilson)
Feb. 5 Sharpening Clinic (Berdel)
Feb. 6 Intro to the Lathe: Spindle Turning (Vemich)
Feb. 6 Chip Carving Demo
Feb. 7 Intro to Woodburning (East-Itkin)
Feb. 10 Beginning & Intermediate Intarsia (Eklund)
Feb. 10 Hand Plane Tune-Up (Berdel)
Feb. 11 Beginning & Intermediate Finishing Techniques (Bob Levey)
Feb. 13 Intro to the Table Saw (Caputo)
Feb. 14 Scroll Saw Sweetheart Box (Irene)
Feb. 17 Sharpening Clinic (Berdel)
Feb. 20 Beginning Carving (Farr)
Feb. 20 Beginning Chip Carving (Jim Preston)
Feb. 21 Band Saw Basics (Caputo)
Feb. 27 Festool Domino
Feb. 28 Make Your Own Custom Wood Pen Blank (Dabney)
Feb. 28 Wood or Acrylic Pen Turning (Dabney)

WOODWORKERS' SOURCE
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17641 N. Black Canyon Hwy., Phoenix, AZ (602) 504-1931
3441 S. Palo Verde, Tucson, AZ (520) 745-8301
Call for Workshops

NORTHERN CALIFORNIA

CRUCIBLE

1260 7th St., Oakland, CA (510) 444-0919
Jan. 9, 30 Fundamentals of Woodworking—2 session
Jan. 12 Woodworking I—8 sessions

Jan. 16-17 Woodturning I
Jan. 23-24 Spoon Carving by Hand
Feb. 2 Woodworking I—9 sessions
Feb. 6, 27 Woodturning I—2 sessions
Feb. 13, 14 Wooden Box
Feb. 16 Woodworking I—8 sessions
Feb. 20-21 Fundamentals of Woodworking
Mar. 6-7 Marquetry
Mar. 9 Woodworking I—9 sessions
Mar. 13-14 Fundamentals of Woodworking
Mar. 23 Woodworking I—8 sessions
Mar. 27-28 Woodturning I
Mar. 31 Woodworking II—10 sessions

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Call for Woodturning Classes

MT. DIABLO ADULT EDUCATION

1 Santa Barbara Rd., Pleasant Hill, CA (925) 937-1530 x3990
Jan. 5 Woodturning: Turn It Thin & Let It Warp—8 sessions (John Cobb)
Jan. 8 SketchUp—9 sessions (Tim Killen)
Jan. 12 Home Maintenance & Repair—6 sessions (Jim Rogers)
Jan. 23 Woodturning: Embellishment (Rodgers)
Feb. 4-5 Woodturning: Skew Chisel Cutting Techniques (Rogers)
Feb. 20 Woodturning: Sharpening (Rogers)

RANDALL MUSEUM

199 Museum Way, San Francisco, CA www.randallmuseum.org/

Jan. 4 Online: Fusion 360—4 sessions (Twiggy Chen)
Jan. 7 Online: Woodworking Essentials (Mike Bray)
Jan. 12 Online: Spoon Carving—2 sessions (Bray)
Jan. 28 Online: Solid Wood Cutting Board—3 sessions (Chen)
Feb. 8 Online: More Fusion 360—4 sessions (Chen)
Feb. 16 Online: Dovetail Boxes
Mar. 4 Online: Spoon Carving—2 sessions (Bray)

ROCKLER WOODWORKING & HARDWARE—Bay Area
4420 Treat Blvd., #A, Concord, CA (925) 521-1800

Jan. 1 Candlestick Turning
Jan. 2 Basic Bowl Turning
Jan. 2, 9 Mini River Table
Jan. 3 Acrylic Pen or Handle Turning
Jan. 8 Ice Cream Paddle Handle
Jan. 9 Cocktail Tool & Handle
Jan. 10 Centerpiece Salad Bowl Turning
Jan. 11 Wine Bottle Balance
Jan. 15 Modern Pendulum Clock
Jan. 16 Decorative Box Making: Splines & Corner Dowels
Jan. 17 4-in-1 Screwdriver Turning Kit
Jan. 18 Beer/Cocktail Flight Board
Jan. 22 Butcher Block Edge Grain Cutting Board
Jan. 23, 30 Mini River Table
Jan. 23 Shaper Origin: Customer Coasters
Jan. 23 Cabinet Door Construction
Jan. 25 Malee Burl Hybridz: Pen Turning
Jan. 31 Lidded Bowl Turning
Feb. 1, 15 Cutting Boards
Feb. 5, 19 Shaper Origin + Workstation Tutorial
Feb. 5, 19 Wooden Pen Turning
Feb. 6, 20 Bowl Turning
Feb. 6, 13 Mini River Table
Feb. 7 Rotating Spice Rack
Feb. 8 Free-Form Epoxy Pour
Feb. 12 CNC Tutorial
Feb. 12 Acrylic Pen Turning
Feb. 13 Re-Saw Jig for Bandsaw
Feb. 14 Exotic Lazy Susan

ROCKLER WOODWORKING & HARDWARE—Sacramento
6648 Lonetree Blvd., Rocklin, CA (916) 259-7403

Jan. 2 Manhattan Pen Turning
Jan. 2 Basic Bowl Turning
Jan. 3 Wooden Serving Tray with Tile Interior
Jan. 3, 10, 17 Mini River Table
Jan. 9 Wood Spatula Set Using Shaper Origin
Jan. 9 Trinket Box with Clock Insert
Jan. 10 Wooden Boot Jack
Jan. 16 Ocean Pour Epoxy Charcuterie Board
Jan. 16 Pizza Peel: Family Size
Jan. 23 Manhattan Pen Turning
Jan. 23 Wooden Bud Vase Turning
Jan. 24 Hinged Jewelry Box
Jan. 24, 31 Mini River Table
Jan. 30 Pocket Hole Step Stool

WORKSHOPS • DEMOS • CLASSES

Jan. 30 Ironing Board Holder with Shelf
Feb. 6 Blanket Ladder
Feb. 6 Ocean Pour Epoxy Heart
Feb. 7, 14 Mini River Table
Feb. 13 Manhattan Pen Turning
Feb. 13 Peppermill Turning
Feb. 14 Sushi Board
Feb. 20 Ocean Pour Charcuterie Board
Feb. 20 Tic-Tac-Toe Serving Tray with Coasters
Feb. 21, 28 Mini River Table
Feb. 27 Basic Bowl Turning
Feb. 27 Wooden Scoop Turning

WOODCRAFT—Sacramento

9545 Folsom Blvd., Sacramento, CA (916) 362-9664

Jan. 9 Intro to Turning Wood: Bowl & Mallet (Carlos Angulo)
Jan. 10 Scroll Saw Techniques (Holly Lovvo)
Jan. 13 Hand-Cut Dovetails I (Dave Traversi)
Jan. 17 Sharpening for Wood Turners (Marcel Vital)
Jan. 23 Turn a Live Edge Bowl (Carlos Angulo)
Feb. 6 Intro to Turning Wood: Bowl & Mallet (Angulo)
Feb. 10 Hand Cut Dovetails II (Traversi)
Feb. 13 Day Date at Woodcraft (Michael Jay & Neysa Bush)
Feb. 17 Spoon Carving (Adam Panto)
Feb. 20 Bandsaw Techniques (Panto)
Feb. 21 Intro to Wood Finishing (Vital)
Feb. 27 Turn a Live Edge Bowl (Angulo)
Feb. 28 Intro to Pen Turning: The American Slim (Lovvo)

WOODCRAFT—SF Bay Area

40 El Camino Real, San Carlos, CA (650) 631-WOOD
Call for Classes

SOUTHERN CALIFORNIA

ALLIED WOODSHOP

407 E. Pico Blvd., Ste. 1006, Los Angeles, CA (310) 429-5611

Jan. 23 Intro to Woodworking
Jan. 24 Furniture Making I: Tables—7 sessions
Feb. 13 Valentine's Spoon Carving
Feb. 20 Intro to Woodworking
Mar. 6 Fundamentals of Woodworking—2 sessions
Mar. 20 Intro to Woodworking

AMERICAN SCHOOL OF FRENCH MARQUETRY
3815 Utah St., San Diego, CA (619) 298-0864

Call for Marquetry Classes

COMMUNITY WORKSHOP

3617 San Fernando Rd, Glendale, CA (626) 808-3725

Jan. 3 Intro to Woodturning
Jan. 10 Woodturning: Bud Vases
Jan. 15 Intermediate Turning: Wooden Bowls
Jan. 23 Plywood Boxes

JORY BRIGHAM WORKSHOP

Paso Robles, CA (805) 858-9699

Mar. 5-7 Stool
Mar. 12-14 End Table

ROCKLER WOODWORKING—Ontario

4320 E. Mills Circle Rd., Ste. G, Ontario, CA (909) 481-9896

Jan. 9 Bowl Turning with Carbide Tools
Feb. 11 Wooden Pen Turning
Feb. 13 Cheese Serving Board
Feb. 19 Hand Planer Basics
Feb. 27 Wooden Pen Turning

ROCKLER WOODWORKING—Orange

1955 Tustin St., Orange, CA (714) 282-1157

Jan. 1, 3 Bowl Turning with Carbide Tools
Jan. 2, 7, 27 Router Workshop
Jan. 6 Woodworking 101
Jan. 9, 30 Mini River Table
Jan. 13 Cutting Dovetails with the Rockler Dovetail Jig
Jan. 16 Finishing Wood
Jan. 17 Sharpening
Jan. 20 Entertainer Series: Turn a Handle
Jan. 23 Turning Wooden Pens
Feb. 2 Build a Custom Small Table
Feb. 3 Cheese Serving Board
Feb. 6 Bowl Turning with Carbide Tools
Feb. 7 Router Workshop
Feb. 10 Turning Wooden Pens
Feb. 13 End Grain Cutting Board
Feb. 17 Entertainer Series: Turn a Handle
Feb. 20 Woodworking 101
Feb. 21 Acrylic Pen Turning

Feb. 24 Mastering Wood Finishing
Feb. 27 Cutting Dovetails with the Rockler Dovetail Jig
Feb. 28 Knife Making

ROCKLER WOODWORKING—Pasadena

83 S. Rosemead Blvd., Pasadena, CA (626) 356-9663

Jan. 9 Router Workshop
Jan. 16 Bowl Turning with Carbide Tools
Jan. 23 Mini River Table
Feb. 6 Knife Making
Feb. 13 Bluetooth Speaker Box
Feb. 20 Bowl Turning With Carbide Tools
Feb. 27 Router Workshop

ROCKLER WOODWORKING—San Diego

8199 Clairemont Mesa Blvd., San Diego, CA (858) 268-1005
Call for Classes

ROCKLER WOODWORKING—Torrance

20028 Hawthorne Blvd., Torrance, CA (310) 542-1466

Jan. 2 Woodworking 101
Jan. 3 Intro to Hand Tools
Jan. 9 Wooden Pen Turning
Jan. 10 Pocket Hole Joinery
Jan. 16 Coloring Wood with Dye
Jan. 17 Finishing Wood
Jan. 23 Bowl Turning with Carbide Tools
Jan. 24 Finishing with Shellac
Jan. 30 Bean Bag Toss Game
Jan. 31 Working with Milk Paints & Glazes
Feb. 6 Knife Making
Feb. 7 Sharpening Chisels, Plane Irons & Scrapers
Feb. 13 Acrylic Pen Turning
Feb. 14 Wooden Pen Turning
Feb. 20 Using Epoxy Resin with Wood Projects
Feb. 21 Spring & Easter Decor
Feb. 27 Serving Tool Handle Turning
Feb. 28 Router Table Basics

RUSS FILBECK CHAIRMAKER

San Diego, CA (619) 972-1399

Call for Chairmaking Workshops

SAM MALOOF FOUNDATION

Alta Loma, CA (909) 980-0412

Call for Classes

SAN DIEGO CRAFT COLLECTIVE

2590 Truxtun Rd., Studio 106, San Diego, CA (619) 273-3235

Jan. 30 Woodworking for Women
Feb. 6-7 Intro to the Woodshop
Feb. 13 Woodworking for Women

WILLIAM NG WOODWORKERS

1340 N. Dynamics St., Ste. H, Anaheim, CA (714) 993-4215

Feb. 21-27 Sculpted Rocking Chair
Mar. 20-27 Blacker House-Inspired Chair

WOODCRAFT—Orange County

10770 Talbert Ave., Fountain Valley, CA (714) 963-9663

Jan. 9 Basic Lathe Turning Techniques (Steve Romo)
Jan. 16 Carving White Lily (Boris Khechoyan)
Jan. 23-24 Segmented Bowl Turning (Romo)
Jan. 30 Pen Turning (Roy Mears)
Feb. 6 Basic Lathe Turning Techniques (Romo)
Feb. 13 Basic Router Techniques (Steve Ankenbauer)
Feb. 20 Lathe Turned Bowls (Romo)
Feb. 27 Pen Turning (Mears)

WOODCRAFT—Ventura

3860 E. Main St., Ventura, CA (805) 658-9663

Call for Classes

COLORADO

ANDERSON RANCH

Snowmass, CO (970) 923-3181

Summer Program Registration Opens Jan. 4

Jan. 4-29 Facilitated Studio Practice: Furniture Design & Woodworking
Feb. 1-18 Online: All About the CNC (Vincent Edwards)

COLORADO SCHOOL OF LUTHERIE

1457 S. Broadway, Denver, CO (303) 777-7411

Jan. 5-6 Steel String Guitar Building
Jan. 9 String Instrument Set-Up 101—8 weeks

WWW.ACCURATEDOVETAILS.COM

WORKSHOPS • DEMOS • CLASSES

O'BRIEN GUITARS

Parker, CO (720) 352-8647

Jan. 4, 25 Steel String Building—6 sessions
Feb. 8, 22 Steel String Building—6 sessions

ROCKLER WOODWORKING & HARDWARE

2553 S. Colorado Blvd., Denver, CO (303) 782-0588

Jan. 9 Resin River Cheese Board
Jan. 23 Router Basics
Jan. 30 Building a Table 101
Feb. 6 Turning a Bottle Stopper & Cheese Plane Handle
Feb. 20 Resin River Cheese Boards
Feb. 27 Resin River Magnetic Wall Mount Knife Holder

WOODCRAFT—Colorado Springs

4438 Austin Bluffs Pkwy., Colorado Springs, CO (719) 266-9889

Jan. 3 Picture Framing (Keith Jay)
Jan. 9 Woodworking I: Trestle Table—3 sessions (Brian Hubel)
Jan. 17 Power Tool Fundamentals: Bandsaw (Lauren Allen)
Jan. 17 Power Tool Fundamentals: Table Saw (Allen)
Jan. 19 Sharpening Mini Series: Chisels & Plane Irons (Ben Myers)
Jan. 23-24 Hand Tool Mastery Series II: The Essential Foot Stool (Hubel)
Jan. 30 Wood Turning & Tool Basics (Raleigh Lockhart)
Jan. 31 Wood Selection & Stock Preparation (Adam Johnson)
Feb. 4-5 Hand Tool Mastery Series I: The Essentials (Hubel)
Feb. 6-7 Dovetail Box Using a Router & Dovetail Jig (Barry Phelps)
Feb. 13 Woodworking II: Dovetail Wall Cabinet—3 sessions (Hubel)
Feb. 23 Power Tool Fundamentals: Router (Myers)
Feb. 27-28 Applied Finishing (Johnson)
Feb. 28 Wood Carving I: Relief Carving Basics (Jay)

WOODCRAFT—Denver

6770 S. Peoria St., Centennial, CO (303) 209-0007

Jan. 2 Router Basics (Dan Bittner)
Jan. 3, 16 Intro to Woodturning (Andy Boudreau)
Jan. 7 Relief Carving—4 sessions (Charlie Milliser)
Jan. 9 Bandsaw 101 (Jim Davy)
Jan. 10 Hand Sharpening 101
Jan. 10 Sharpening Turning Tools (Boudreau)
Jan. 12 Woodworking 101—4 sessions (Shawn Smith)
Jan. 17 Turn a Pizza Cutter
Jan. 23 Turn a Bowl (Boudreau)
Jan. 24 Intro to Finishes (Smith)
Jan. 30-31 Hand Tools 101 (Smith)
Feb. 4 Relief Carving—4 sessions. (Milliser)
Feb. 6 Heart-Shaped Puzzle Box (Davy)
Feb. 7, 20 Intro to Woodturning (Boudreau)
Feb. 13-14 Woodworking 101 (Bittner)
Feb. 21 Scroll Saw 101 (Davy)
Feb. 27 Turn a Lidded Box (Boudreau)

WOODCRAFT—Loveland

3718 Draft Horse Dr., Loveland, CO (970) 292-5940

Jan. 9 Intro to Woodturning (Doug Schneider)
Jan. 11 Beyond Basic Carving: Wood Sculpting—6 ses. (Angela Callow)
Jan. 15 Learn to Carve Realistic Wildlife—5 sessions (Rod Hendrickson)
Jan. 16 Sharpening Lathe Tools (Schneider)
Jan. 17 Sharpening Planes & Chisels (Bruce Helart)
Jan. 21 Cabinet Building: Wall Cabinet—4 sessions (Steve Huval)
Feb. 6 Sharpening Lathe Tools (Schneider)
Feb. 7 Sharpening Planes & Chisels (Helart)
Feb. 13 Turning Plates & Platters with Basket Illusion Rim (Schneider)
Feb. 25 Woodworking 101—4 sessions (Huval)
Feb. 27 Intro to Woodturning (Schneider)

IDAHO

WOODCRAFT

6883 W. Overland Rd., Boise, ID (208) 338-1190

Tues. Weekly Woodcarving (Lennie Williams)
Jan. 2-3 Base Cabinet Construction (Aaron Cornell)
Jan. 4 Wood Staining (Jeff Watson)
Jan. 4 Rough to Ready (Brian Bass)
Jan. 6 Handheld Router Techniques (Bob Rudkin)
Jan. 7 Lathe Tool Sharpening (Steve Young)
Jan. 7 Intro to Hand Tools (Tim Stewart)
Jan. 8-10 Arts & Crafts Table (David Donnelly)
Jan. 11 Bandsaw Set-Up (Brian Stockham)
Jan. 13 Beginning Carving (Eric Owens)
Jan. 14 Building a Cutting Board (Tanner Scott)
Jan. 15 CNC The XYZ
Jan. 16 Bowl Turning (Gary Smith)
Jan. 18 Spray Finishing Techniques (Watson)

Jan. 19 Intro to Wood Burning (Liz Meyer)
Jan. 20 Navigator Rollerball Pen (Steve Merrill)
Jan. 21 Wooden Spoon Making (Rex Hansen)
Jan. 22 Turn a Goblet (Young)
Jan. 23 Decorative Headboard—4 sessions (Donnelly)
Jan. 25 Hand Tool Sharpening (Scott)
Jan. 27 Tablesaw Techniques & Safety (Rudkin)
Jan. 29 Porter Cable Dovetails (Cornell)
Feb. 1 Scroll Saw Intro (Bass)
Feb. 3 Router Table Techniques (Rudkin)
Feb. 4 Hand Tool Joinery: Dovetails (Stewart)
Feb. 4 Lathe Tool Sharpening (Young)
Feb. 5-7 Leigh Dovetail Jewelry Box (Cornell)
Feb. 8 Wood Staining (Watson)
Feb. 10 Intermediate Carving (Owens)
Feb. 12 Router Inlay (Cornell)
Feb. 13 Box Making (Bass)
Feb. 15 Spray Finishing Techniques (Watson)
Feb. 16 Intro to Wood Burning (Meyer)
Feb. 17 Navigator Rollerball Pen (Merrill)
Feb. 18 Wooden Spoon Making (Hansen)
Feb. 19-21 Cabinet Construction (Cornell)
Feb. 22 Hand Tool Sharpening (Scott)
Feb. 24 Intro to Basic Finishing (Watson)
Feb. 25 Turn a Lidded Box (Young)
Feb. 27 Spindle Turning (Smith)

KANSAS

WOODCRAFT

8645 Bluejacket Rd., Lenexa, KS (913) 599-2800

Call for Classes

MINNESOTA

AMERICAN SWEDISH INSTITUTE

2600 Park Ave. Minneapolis MN (612) 871-4907

Jan. 13 Intro to Spoon Carving (Jess Hirsch)

NORTH HOUSE FOLK SCHOOL

500 Hwy. 61 W., Grand Marais, MN (218) 387-9762

Jan. 15 Online: Bird Carving (Mike Loeffler)
Jan. 21 Online: Design Your Own Timber Frame (Gerald David)
Jan. 22-24 Lathe Turning: The Wooden Bowl (Marybeth Garmoe, Jess Hirsch)
Jan. 28-30 Turning the Wooden Bowl: Marginalized Genders Session (Hirsch)
Feb. 5-7 Lathe Turning: The Wooden Bowl (Garmoe)
Feb. 11-14 Laminated Canoe Paddles (Josh Tolkan)
Feb. 18-20 Tool-Making for Woodworkers & Others (Paul Linden)
Feb. 26-28 Adirondack Chair Building (Randy Schnobrich)

ROCKLER WOODWORKING—Minneapolis South

2020 W. County Rd. 42, Burnsville, MN (952) 892-7999

Jan. 9 Knife Making
Jan. 13, 22 Wooden Pen Turning
Jan. 24 Working with CNCs
Jan. 30 Bowl Turning with Carbide Tools
Feb. 12 Wooden Pen Turning
Feb. 20 Bowl Turning with Carbide Tools
Feb. 27 Working with CNCs

ROCKLER WOODWORKING—St. Paul

1872 Beam Ave., Maplewood, MN (651) 773-5285

Jan. 2, 6 Casting Epoxy: Charcuterie Serving Board
Jan. 8 Turning a Candle Stick Holder
Jan. 12 Woodworking 101: Primer on Preparing Lumber
Jan. 14 Table Saw Joinery
Jan. 16, 20 Sign Making
Jan. 23 Acrylic Pen Turning
Jan. 26 Bottle Opener Handle Turning

ROCKLER WOODWORKING—Minneapolis West

12995 Ridgedale Dr., Minnetonka, MN (952) 542-0111

Call for Classes

WOODCRAFT

9125 Lyndale Ave., Bloomington, MN (952) 884-9657

Call for Classes

MISSOURI

ROCKLER WOODWORKING

11977 St. Charles Rock Rd., Ste. 110A, St. Louis, MO (314) 209-1116

Jan. 6 Using the Rockler Dovetail Jig
Jan. 9, 27 Bowl Turning with Carbide Tools
Jan. 16 Spray Finishing

WORKSHOPS • DEMOS • CLASSES

Jan. 20 Pizza Cutter Handle Turning
Jan. 23 Working with CNCs
Feb. 3 Working with CNCs
Feb. 6, 24, 27 Wooden Pen Turning
Feb. 10 Making Dovetails with The Rockler Jig
Feb. 13, 17 Bowl Turning with Carbide Tools
Feb. 20 Wood Lathe Basics

WOODCRAFT

2077 Congressional Dr., St. Louis, MO (314) 993-0413

Call for Classes

NEVADA

THE WOODWORKING SOURCE

9736 S. Virginia St., Reno, NV (775) 624-9174

Feb. 29 Cabinet III: Lower Cabinets with a Drawer

WOOD IT IS!

2267 W. Gowan, #106/107, North Las Vegas, NV (702) 631-1870

Mar. 1, 2 Basic Woodworking—6 sessions (Jamie Yocono)
Mar. 4 Tablemaking—6 sessions (Yocono)

WOODTURNING with JIMMY CLEWES

Las Vegas, NV (702) 387-2033

Jan. 8, 22 Woodturning—3 sessions
Feb. 5, 19 Woodturning—3 sessions
Mar. 5, 19 Woodturning—3 sessions

OKLAHOMA

WOODCRAFT—Oklahoma City

9301 N. May Ave., Oklahoma City, OK (405) 748-8844

Call for Classes

WOODCRAFT—Tulsa

6341 E. 41st St., Tulsa, OK (918) 384-0100

Call for Classes

OREGON

AMERICAN SCHOOL OF LUTHERIE

2745 SW. Scenic Dr., Portland, OR (503) 292-2307

Jan. 10-16 Hands-On Guitar Making: Electric & Bass

NORTHWEST WOODWORKING STUDIO

1002 SE. 8th Ave., Portland, OR (503) 284-1644

Jan. 4 Complete Novice Woodworking—8 sessions (Paul Barker)
Jan. 5 The Complete Novice Too—8 sessions (Jeff Miller)

ROCKLER WOODWORKING & HARDWARE

11773 SW. Beaverton-Hillsdale Hwy., Beaverton, OR (503) 672-7266

Jan. 3 Intro to Turning
Jan. 10 Bowl Turning
Jan. 17 Cutting Dovetails with a Jig
Jan. 24 Sharpening Turning Tools
Jan. 31 Relief Carving
Feb. 7 Turning a Twig, Bud or Weed Pot
Feb. 14 Acrylic Pen Turning
Feb. 21 Turning a Lidded Box
Feb. 28 Table Saw & Band Saw Basics

WOODCRAFT—Eugene

155 Q St., Springfield, OR (541) 685-0677

Jan. 9 Lathe Intensive
Jan. 14 Turn a Ring on the Lathe
Jan. 16 Cabinetry Fundamentals (Mike Ronczyk)
Jan. 23 Colorful Cutting Boards: Glue-Ups (Robert Fleck)
Jan. 30 CNC Basics & Beyond (Ronczyk)
Feb. 6 Turn a Wooden Bowl on the Lathe
Feb. 6 Create a Heart Message with the CNC (Ronczyk)
Feb. 13 Furniture Making with the Kreg Jig (Ronczyk)
Feb. 20 Turn a Writing Pen on the Lathe
Feb. 27 Live Edge Epoxy River Table Top—2 sessions (Ronczyk)

WOODCRAFT—Portland

12020 SW. Main St., Tigard, OR (503) 684-1428

Jan. 3, 25 Pen Turning
Mar. 6 Sharpening Lathe Tools (Richard Chambers)

TEXAS

AUSTIN SCHOOL OF FURNITURE & DESIGN

3508 E. Cesar Chavez St., Austin, TX (361) 857-9228

Jan. 13 Online: Inside a Furniture Designers Sketchbook (Michael Fortune)
Jan. 16 Online: Design Process Workshop—2 sessions (Fortune)

Jan. 25-26 Online: Intro to SketchUp (David Heim)
Mar. 4 Online: Intro to Chip Carving (Aspen Golann)

HERITAGE SCHOOL OF WOODWORKING

Waco, TX (254) 754-9645

Jan. 7-9 Joinery II: Woodworking Basics
Jan. 16 Joinery I: Woodworking with Hand Tools
Jan. 18-29 4-Drawer Dresser
Jan. 18-23 Foundational Joinery Course
Jan. 25 Brazos Dining Chair
Feb. 4 The Art of Inlay
Feb. 5 Hand-Carved Wooden Spoons
Feb. 6 Chip Carving
Feb. 6-13 Foundational Joinery Course
Feb. 8-10 Joinery II: Woodworking Basics
Feb. 11 Joinery III: Beginning Furniture Making
Feb. 22-27 Blanket Chest

PIONEER FARMS

10621 Pioneer Farms Dr., Austin, TX (512) 837-1215

Jan. 2 Hand Tool Woodworking 1
Jan. 9 Hand Tool Woodworking 2
Jan. 23 Get a Handle on It
Feb. 6 Hand Tool Woodworking 1
Feb. 13 Hand Tool Woodworking 2
Feb. 27 Get a Handle on It

ROCKLER WOODWORKING & HARDWARE—Dallas West

3810 S. Cooper St., Arlington, TX (817) 417-0070

Jan. 2, 9, 16 Sign Making with Shaper Origin
Jan. 3, 10, 17 Mini River Table
Jan. 6, 13 Pen Turning
Jan. 20, 27 Pen Turning
Jan. 23, 30 Sign Making with Shaper Origin
Jan. 24, 31 Mini River Table

ROCKLER WOODWORKING & HARDWARE—Dallas East

800 N. Coit, #2500, Richardson, TX (972) 613-8848

Call for Classes

ROCKLER WOODWORKING & HARDWARE—Dallas North

2930 Preston Rd., Ste. 850, Frisco, TX (214) 308-6425

Jan. 9 Intro to Hand Planes
Jan. 16 Bowl Turning with Rockler's Carbide Tools
Jan. 23 Pen Turning with Rockler's Carbide Turning Tools
Feb. 6, 20 River Style Charcuterie Board
Feb. 13, 27 Bowl Turning with Rockler's Carbide Tools

ROCKLER WOODWORKING & HARDWARE—Dallas N.E.

584 W. I-30, Ste. 403, Garland, TX (469) 329-0971

Jan. 2 Wood & Resin Coaster Set
Jan. 9 Intermediate Bowl Turning
Jan. 10 Mini River Table Construction
Jan. 16 The Making of a Bandsaw Box
Jan. 23 Advanced Bowl Turning
Jan. 30 Pen Turning
Feb. 6 Beginner Bowl Turning
Feb. 7, 13 Pen Turning
Feb. 27 Intermediate Bowl Turning
Feb. 28 Router Table Basics

ROCKLER WOODWORKING—Houston North

21352 Kuykendahl Rd., Spring, TX (346) 331-4081

Jan. 2, 5 Wooden Pen Turning
Jan. 2 Knife Making
Jan. 9 Pizza Cutter Handle Turning
Jan. 10, 23, 30 Epoxy/Wood Serving Tray
Jan. 16 Make Your Own Epoxy/Wood Coasters
Jan. 19 Wooden Pen Turning
Jan. 24, 31 Bottle Opener Handle Turning
Feb. 6 Bowl Turning with Carbide Tools
Feb. 7, 13, 27 Wooden Pen Turning
Feb. 10, 21 Make Your Own Band Saw Box
Feb. 13, 25, 28 Make Your Own Epoxy/Wood Coasters
Feb. 16 Bottle Opener Handle Turning
Feb. 20 Epoxy/Wood Serving Tray

ROCKLER WOODWORKING—Dallas South

3265 SW. Fwy., Houston, TX (713) 622-6567

Jan. 2 Router Workshop
Jan. 9 Epoxy River Table: Serving Tray
Jan. 23 Working with CNCs
Feb. 1 Epoxy River Table or Tray
Feb. 6 Router Table Basics

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WORKSHOPS • DEMOS • CLASSES

Feb. 13 Working with CNCs
Feb. 15 Knife Making
Feb. 20 Cabinet Making
Feb. 22 Wooden Pen Turning

WOODCRAFT—Austin

10901 I.H. 35 N., Austin, TX (512) 407-8787

Jan. 2, 3 Woodshop 101 (Sandy Sternadel)
Jan. 4 Turn a Pen (Chris McCarron)
Jan. 5 Get a Handle on Knife Making (Jerry Davis)
Jan. 6 Scroll Saw Basics (Joe Gallio)
Jan. 8-10 Build Your Texas Star (Pete O'Rourke)
Jan. 11-13 Resin River Table Top (Dee Abbott)
Jan. 15-17 Adirondack Chair (Rick Chichester)
Jan. 15, 30 Basic Lathe Skills (David Dick)
Jan. 18 Sharpen Your Woodshop Tools (Davis)
Jan. 19-20 Picture Framing Fundamentals (Sternadel)
Jan. 21 Lecture Series: Shop Layout & Planning (Kenneth Lightle)
Jan. 22-24 The Rolling Arm (Bent Lamination) Savannah Chair (Davis)
Jan. 25 Spray Your Finish! (Davis)
Jan. 26 Table Saw Basics (Davis)
Jan. 27 Prep Your Wood: Measure Twice, Cut ONCE! (Chichester)
Jan. 28 Basic Figure Carving (Gallio)
Feb. 1 Resin Art 101 (Abbott)
Feb. 5 Basic Lathe Skills (Dick)
Feb. 6, 7 Woodshop 101 (Sternadel)
Feb. 8 Turn a Pen (McCarron)
Feb. 9 Get a Handle on Knife Making (Davis)
Feb. 12-14 Cabinet Making (Chichester)
Feb. 15-17 End-Grain Cutting Board (Sternadel)
Feb. 18 Cutting & Applying Crown Molding (Lightle)
Feb. 22 Selecting the Right Finish (Chichester)
Feb. 23 Router Basics (Davis)
Feb. 25 Scroll Saw Basics (Gallio)
Feb. 26-28 Garden Bench (Davis)

WOODCRAFT—Dallas

601 W. Plano Pkwy., Ste. 145, Plano, TX (972) 422-2732

Jan. 3 Mortise & Tenon Joinery (Howard Hale)
Jan. 6-7 Raised Panel Doors (Hale)
Jan. 9 Basic Pen Turning (Chuck Silber)
Jan. 10 Router Basics (Hale)
Jan. 11-12 Basic Turning (Paul DeMars)
Jan. 14 Band Saw Basics (Hale)
Jan. 15 Square Board Fundamentals (Hale)
Jan. 16-17 Basic Woodworking (Hale)
Jan. 19-20 Glass Panel Doors (Hale)
Jan. 21-22 Turning Techniques for Beads & Coves (Michael Boyle)
Jan. 24 Cabinet Making for Beginners (Hale)
Jan. 25-26 Wooden Toy Cars, Trucks & Other Cool Vehicles (Boyle)
Jan. 28-29 Router Basics (Hale)
Jan. 30 Finishing for the Home Shop (Hale)
Jan. 31 Square Board Fundamentals (Hale)
Feb. 2 Band Saw Basics (Hale)
Feb. 5 Lathe Tool Sharpening Made Easy (Boyle)
Feb. 6 Basic Pen Turning (Silber)
Feb. 7 Router Basics (Hale)
Feb. 8-10 Basic Turning (DeMars)
Feb. 11-12 Artistic Bowl Turning (Boyle)
Feb. 13 Hand Tool Basics & Sharpening (Hale)
Feb. 15 Square Board Fundamentals (Hale)
Feb. 16-17 Build a Wooden Hand Plane (Hale)
Feb. 18-19 Router Basics (Hale)
Feb. 20-21 Basic Woodworking (Mark Seay)
Feb. 23-24 Build a Wooden Shoulder Plane (Hale)
Feb. 25-26 Wooden Toy Cars, Trucks & Other Cool Vehicles (Boyle)
Feb. 27 Crown Molding for Beginners (Hale)
Feb. 28 Veneering Made Easy (Hale)

WOODCRAFT—Fort Worth

754 Grapevine Hwy., Hurst, TX (682) 334-1025

Jan. 11 Tablesaw Basics (Steve Julian)
Jan. 16-17 Basic Cabinet Making (Julian)
Jan. 23 Basic Box (Julian)
Jan. 30-31 Woodworking 101 (Julian)
Feb. 13-14 Basic Cabinet Making (Julian)
Feb. 20 Basic Box (Julian)
Feb. 23 Basic Router Techniques (Julian)
Feb. 27-28 Woodworking 101 (Julian)

WOODCRAFT—Houston North

235 Cypress Creek Pkwy., Ste. A3, Houston, TX (281) 880-0045

Jan. 2-3 Intro to Cabinet Making (Stan Smith)
Jan. 7 Pen Turning: The European (Don Fluker)

Jan. 9 Intro to Bowl Turning (Paul Kendall)
Jan. 10 Intro to Woodworking Machines (Phil Elmore)
Jan. 11 Kitchen Face Frame Cabinet—5 sessions (Eric Novak)
Jan. 14 Acrylic Pen Turning (Fluker)
Jan. 16 Making a Cutting Board (Danny Wise)
Jan. 17 Resin Casting for Pen Blanks (Elmore)
Jan. 19-21 Making an End Table (Elmore)
Jan. 23 Intro to CNC (Mark Giles)
Jan. 26-27 Epoxy Resin River Table or Art Piece (Elmore)
Jan. 30-31 Segmented Bowl Turning (Novak)
Feb. 4 Pen Turning: The European (Fluker)
Feb. 6-7 Intro to Cabinet Making (Smith)
Feb. 11 Acrylic Pen Turning (Fluker)
Feb. 13 Intro to Bowl Turning (Kendall)
Feb. 14 Intro to Woodworking Machines (Elmore)
Feb. 16-17 Hinged Keepsake Box (Novak)
Feb. 20 Making a Cutting Board (Wise)
Feb. 21 Basic Router (Elmore)
Feb. 22 Kitchen Face Frame Cabinet—5 sessions (Novak)
Feb. 23 Epoxy Resin River Table or Art Piece (Elmore)
Feb. 27 Essential Handtools: Dovetails (Shaye McGee)
Feb. 28 Essential Handtools: The Hand Plane (Giles)

WOODCRAFT—Houston Southwest

11707 W. Sam Houston Pkwy. S., Houston, TX (281) 988-9449

Jan. 2 Intro to Wood Turning, Lathe & Tools (Dee Schrinner)
Jan. 3 The Band Saw Box (Dennis Peters)
Jan. 6, 13, 27 Basic Pen Turning 101 (Randy Abramson)
Jan. 9 Woodshop 101 (Abramson)
Jan. 14 Router Techniques 101 (Ken Swink)
Jan. 15 Bandsaw 101 (Schrinner)
Jan. 16 Intro to Bowl Turning (Eric Balle)
Jan. 17 Scroll Saw Basics (Peters)
Jan. 20 Basic Pen Turning 101 (Abramson)
Jan. 26 Intro to CNC (Walter Luckett)
Jan. 30-31 Basic Cabinet Making (Stan Smith)
Feb. 3, 10 Basic Pen Turning 101 (Abramson)
Feb. 6 Intro to Wood Turning, Lathe & Tools (Schrinner)
Feb. 7 The Bandsaw Box (Peters)
Feb. 11 Router Techniques 101 (Swink)
Feb. 13 Woodshop 101 (Abramson)
Feb. 17, 24 Basic Pen Turning 101 (Abramson)
Feb. 19 Bandsaw 101 (Peters)
Feb. 20 Intro to Bowl Turning (Balle)
Feb. 21 Scroll Saw Basics (Peters)
Feb. 23 Intro to CNC (Luckett)
Feb. 27-28 Basic Cabinet Making (Smith)

WOODCRAFT—San Antonio

13719 San Pedro, San Antonio, TX (210) 545-5885

Jan. 4, 23 Intro to the Lathe (Louis Jordan)
Jan. 8 Dovetails Using the Porter Cable Dovetail Jig (Jordan)
Jan. 9 Turning Segmented Bowls (Jordan)
Jan. 11 Pen Turning Basics (Jordan)
Jan. 15 Intro to the Scroll Saw: Puzzle (Jordan)
Jan. 16 Woodshop 101 (Lee Jonet)
Jan. 18 Table Saw Basics (Jordan)
Jan. 18 Band Saw Basics (Jordan)
Jan. 19 Turn a Cigar Pen (Jonet)
Jan. 22 Advanced Bowl Turning (Jordan)
Jan. 25 Turn a Peppermill (Jordan)
Jan. 29 Band Saw Boxes (Jordan)
Jan. 30 Inside Out Turning (Jordan)
Jan. 31 Lift Lid Keepsake Box (Jonet)
Feb. 6, 20 Woodshop 101 (Jonet)
Feb. 8 Router Basics (Jordan)
Feb. 8 Router Table Basics (Jordan)
Feb. 12, 27 Intro to the Lathe (Jordan)
Feb. 15 Pen Turning Basics (Jordan)
Feb. 16 Turn a Cigar Pen (Jonet)
Feb. 19 Intro to the Scroll Saw: Puzzle (Jordan)
Feb. 22 Turning Segmented Bowls (Jordan)
Feb. 26 Intro: Jointer & Planer Basics (Jordan)
Feb. 28 Lift Lid Keepsake Box (Jonet)

UTAH

DALE NISH SCHOOL OF WOODTURNING

1287 E. 1120 S., Provo, UT (800) 551-8876

Jan. 25-9 Woodturning 201 (Ron Measom)
Feb. 8-12 Woodturning 201 (Kirk DeHeer)
Feb. 24-26 Woodturning 101 (Scott Cherry)
Mar. 3-5 Woodturning 201 (Measom)

WORKSHOPS • DEMOS • CLASSES

Mar. 16-18 Production Bowl Turning (DeHeer)
Mar. 22-26 Woodturning 101 (Stan Record)
Mar. 31-Apr. 2 Artistic Turning (DeHeer)

LEGACY CNC WOODWORKING TRAINING

435 W. 1000 N., Springville, UT (800) 279-4570

Jan. 7-8 Safety & Operations Training
Feb. 4-5 Safety & Operations Training
Mar. 4-5 Safety & Operations Training

WOODCRAFT

9891 S. 500 W., Sandy, UT (801) 566-5652

Call for Classes

WASHINGTON

BALLARD WOODWORKS

1807 NW. Dock Pl., Seattle, WA (206) 284-9493

Jan. 25, 28 Intro to Woodworking—6 sessions (Stan Hiserman & Jon Hurst)

BARN WOODWORKING STUDIO

8890 Three Tree Ln., Bainbridge Island, WA (206) 842-4475

Jan. 11 Online: New Life for an Old Chair—3 sessions
Jan. 16 Online: Enhancing Highly Figured Wood—2 sessions
Feb. 8 Online: Enhancing Highly Figured Wood—2 sessions
Feb. 13 Online: All that Binds

CORNISH COLLEGE OF THE ARTS

710 E. Roy, Seattle, WA (206) 726-5043

Jan. 26 Furniture Design 1—8 sessions
Jan. 27 Beginning Object Design—6 sessions
Mar. 23 Furniture Design 1—8 sessions
Mar. 24 Beginning Object Design—6 sessions

EBANISTA SCHOOL OF FINE WOODWORKING

420 NE. 72nd St., Seattle, WA (206) 355-8910

Jan. 4 Beginnings I—8 sessions (Jonathan Cohen)
Jan. 5 Intermediate Woodworking—20 sessions (Cohen)
Jan. 5 Beginnings II—12 sessions (Cohen)
Jan. 8 Design Studio—10 sessions (Cohen)
Feb. 7 Veneering (Cohen)
Feb. 16 Beginnings II—12 sessions (Cohen)
Feb. 23 Beginnings I—8 sessions (Cohen)
Feb. 28 Sharpening with Water Stones (Stephen Barney)
Mar. 7 Shop Economics (Cohen)

ISGOOD WOODWORKING

4660 E. Marginal Way S., #7, Seattle, WA (206) 767-3757

Jan. 17 Cabinet Making—6 sessions
Jan. 19 Side Table—6 sessions
Jan. 21 Small Projects—6 sessions

PORT TOWNSEND SCHOOL OF WOODWORKING

300 Battery Wy., Port Townsend, WA (360) 344-4455

Jan. 4-Mar. 26 Traditions of Furniture (Abel Dances)
Jan. 4-Mar. 26 Foundations of Woodworking (Philip Shelton)

PRATT FINE ARTS CENTER

Seattle, WA www.pratt.org

Jan. 11 Online: Greene & Greene-Style Picture Frame (Elizabeth Weber)
Jan. 11 Online: Hand Tool Woodworking—12 sessions (Israel Martin)
Jan. 12 Online: Kumiko Basics—3 sessions (Brian Klein)
Jan. 13 Online: Beginning Woodworking—4 sessions (Betzalel Massarano)
Jan. 14 Online: Veneer Wall Hanging—2 sessions (Chelsea Van Voorhis)
Jan. 16 Online: Basic Spoon Carving (Weber)
Jan. 18 Online: Box Turning—2 sessions (Weber)
Jan. 19 Online: Burl Nest & Eggs (Weber)
Jan. 26 Online: Woodburning & Painting (Saman Shojaei)
Feb. 2 Online: Bowl from Board (David Lutrick)
Feb. 3 Online: Woodworking Q & A (Tom Henscheid)
Feb. 8 Online: Simple Cutting Boards (Weber)
Feb. 10 Online: Bowl Finishing Techniques (Henscheid)
Feb. 11 Online: Wood Veneer Pattern Wall Hanging (Van Voorhis)
Feb. 13 Online: Couples Leatherworking (Weber)
Feb. 16 Online: Kumiko Basics (Brian Klein)
Feb. 16 Online: Woodburning & Painting (Shojaei)
Feb. 17 Online: Basic Spoon Carving (Henscheid)
Feb. 22 Online: Learn to Turn a Platter (Weber)
Feb. 23 Online: Sea Urchin Shell Ornament (Lutrick)
Feb. 24 Online: Portable Spoon Carving Bench (Henscheid)
Feb. 25 Online: Beginning Woodworking—4 sessions (Betzalel Massarano)
Mar. 3 Online: Spoke Shaves & Spoons (Henscheid)
Mar. 10 Online: Sharpening Spoon Carving Tools (Henscheid)
Mar. 11 Online: Wood Veneer Pattern Wall Hanging (Van Voorhis)
Mar. 17 Online: Intermediate Spoon Carving—2 sessions (Henscheid)
Mar. 23 Online: Kumiko Basics (Klein)

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Jan. 2, 7, 14 Router Table Basics
Jan. 3, 12, 31 Wooden Pen Turning
Jan. 4, 11 Bowl Turning with Carbide Tools
Jan. 8, 22 Lidded Vessel Turning
Jan. 17 Pizza Cutter Handle Turning
Jan. 18, 25 Bowl Turning with Carbide Tools
Jan. 23 Intro to Hand Tools
Jan. 26 Wood Lathe Basics
Jan. 28 Bandsaw Basics
Feb. 1 Bowl Turning with Carbide Tools
Feb. 4 Dust Collection Basics
Feb. 6 Spatula Making
Feb. 8, 15, 22 Bowl Turning with Traditional Tools
Feb. 13, 28 Table Saw Basics
Feb. 14 Wooden Pen Turning
Feb. 27 Router Table Basics

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Jan. 2 Shaper Handheld CNC
Jan. 3, 24 Bowl Turning
Jan. 9 Knife Making
Jan. 9 Creating Wooden Toys That Move
Jan. 10 Pen Turning
Jan. 16 Hand Planes 101 & Sharpening
Jan. 16 CNC Basics Demo
Jan. 17 Turning Darts
Jan. 23 XL Cribbage Board
Jan. 23 Spoon Carving Demo
Jan. 30 Basic Cutting Board
Jan. 30 Rockler Dovetail Jig Demo
Jan. 31 Turning Hollow Forms
Feb. 6 Turned Lidded Box Demo
Feb. 6 Animal Shaped Jigsaw Puzzle on the CNC
Feb. 7 Pen Turning
Feb. 13 Collapsible Wood Basket
Feb. 13 Shaper Handheld CNC Demo
Feb. 14 Bowl Turning

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Jan. 7 Online: Wood Pyrography & Painting (Saman Shojaei)
Feb. 3 Online: Whittling Basics—3 sessions (Shojaei)
Feb. 4 Online: Wood Carving: Spoon (Shojaei)
Mar. 3 Online: Wood Pyrography & Painting (Shojaei)

WOODCRAFT—Seattle

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Jan. 7, 21 Learn to Turn on Date Night! (Fred Abeles)
Jan. 8-9 Turning 101 (Jack Wayne)
Jan. 22-23 Turning 101 (Wayne)
Feb. 4 Learn to Turn on Date Night! (Abeles)
Feb. 5-6 Turning 101 (Wayne)
Feb. 12 The Roubo Workbench—9 sessions (Jeff Marsden)
Feb. 18 Learn to Turn on Date Night! (Abeles)

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Jan. 9 Shop Safety Re-Built (Marc Daniels)
Jan. 10 Design & Set-Up a Shop (Ed Walker)
Jan. 16 Principles of Bowl Turning (Cal Hanson)
Jan. 17 Router 101 (Daniels)
Jan. 23 Intro to Marquetry (Jane Burke)
Jan. 24 From Rough to Ready: Lumber Prep (Hanson)
Jan. 30 Basic Pen Turning (Joel Green)
Feb. 6 Shop Safety Re-Built (Daniels)
Feb. 7 Intro to Pocket Hole Joinery (JD Walker)
Feb. 13 Intro to the Wood Lathe (Hanson)
Feb. 14 Design & Set-Up a Shop (E. Walker)
Feb. 20 Reviving & Restoring Hand Planes (David Shockley)
Feb. 21 Router 101 (Daniels)
Feb. 27 Basic Pen Turning (Green)

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Profile: Pat & Karen Miller



Ceremony
Maple, Walnut
(8 1/2" h, 3 1/2" dia.)



Malden, et al.
Mango
(7 1/2" h, 8" w, 6" d)

The work of **Pat and Karen Miller** is frequently featured within the pages of this publication, as part of pictorials of regional and national exhibitions. The couple from Yakima, WA is proficient in producing innovative collaborations, with Pat turning the canvasses upon which Karen can embellish by carving, burning, and coloring.

"Sometimes, Pat will work on something and bring it in to get my ideas," explains Karen. "While other times, I bring him an idea, and we go back and forth until we develop a consensus. Just last night, I could not sleep because I had a new design for a Christmas ornament. I drew it up, and this morning, he turned five of them for me."

With a degree in geology, Pat is a retired equipment parts salesman. Good with his hands, he always had some sort of shop to make functional "stuff." He had turned a bowl in high school shop class (which his parents still have), but it was not until 41 years later that he tried again, after buying a Shopsmith. "I started playing with the lathe and liked the idea of quickly making round things. It was a gratification tool. However, I became frustrated early on, having one disaster after another. I was ready to just sell everything, when Karen suggested that maybe I could find some help. Discovering the American Association of Woodturners on the Internet, I located a local chapter (90 miles away), who connected me with nearby artist **John Barany**. After a cold call, he agreed to show me around, and I ended up spending three hours every Thursday for 2 1/2 years in his shop. We continue to critique each others work and share ideas. His mentorship is a big reason for the success that we have today."

Karen actually had artistic training, having graduated college with a major in small sculpture and jewelry design. While working as a nurse, she did crafts on the side, and when Pat started turning, she began experimenting with his rejects—and everything went from there.

Inspiration comes from everywhere. "You just have to walk out the door and open your eyes and be willing to think outside the box," says Pat. "There's a lot of freedom without constraints." And each piece has a story. *Malden, et al.* (left) is about the wildfires of 2020, which incinerated such small towns as Malden, WA. It consists of two pieces of Mango wood—turned, carved, burned, textured, dyed, and airbrushed—on a basalt base. I used pretty much everything in my creative arsenal on that piece."

Though sculptural, Pat does approach each piece from a functional angle. "I have the mentality of wanting to make things that do things. At its core, most of my pieces are lidded boxes of some kind. That is how I see things; the eye of a container maker."

Karen's designs are custom for every piece. "The shape determines what the embellishment is going to be. I make up shapes in my head, then tweak them and add things.

Our piece *Decorum* (on the cover) started as something else, and I was going to throw it out. But Pat turned it back down for me, and I took a whole different approach. The shape struck me as something that would have come from the times of old Elizabethan England. I created a floral garnish, using pyrography and artist pens, while carving birds on the bottom and burning it black. It was topped with a complementary finial of turned and polished aluminum." This piece was selected as the first recipient of the *Deena and Jerry Kaplan Award of Excellence* at 2019 AAW Symposium.

Their work is quite diverse, in terms of style, materials, and finishes. Karen remembers being critiqued at a symposium as "you need to focus on one thing." That does not work for them. They don't have a "signature" piece that they repeat. That's too much like production. "People know us because we are diverse. They recognize our work, because it doesn't look like anyone else's. In fact, one of his best patrons really appreciates the fact that it is always something different, and he has accumulated a real variety of different pieces from us."

The closest they come to serial work are tea pots. "I like tea pots," exclaims Pat. "They are fun. There is a little bit of everything in tea pots: turning, carving, and assembly. And it's a great canvas for Karen's embellishment."

Pat sums up by saying: "For as long as we've been together, Karen and I have shared a bit of a twist in how we see things. It's part of what drew us to each other, I suspect. We seem to feed off each other's perspectives in a way where one and one adds up to more than two. Both of us have an innate need to make things that lead us to dabble a bit in wood art since 2010, and the dabbling quickly engulfed us as a passion. We've earned our living, raised our kid, formed some opinions, paid our taxes, and added candles to our cakes—but haven't really grown old. We are rather easily inspired and try not to look past the obvious. Our work may include the labor of one of us or both, but the heart, soul, and result of all our work is a true collaborative effort. Our intention is to enjoy the journey."

Their website—www.patandkarenmiller.com—is not up-to-date, but Pat posts images and descriptions of pieces as they are completed on his Instagram page: www.instagram.com/pat_karen_miller/.

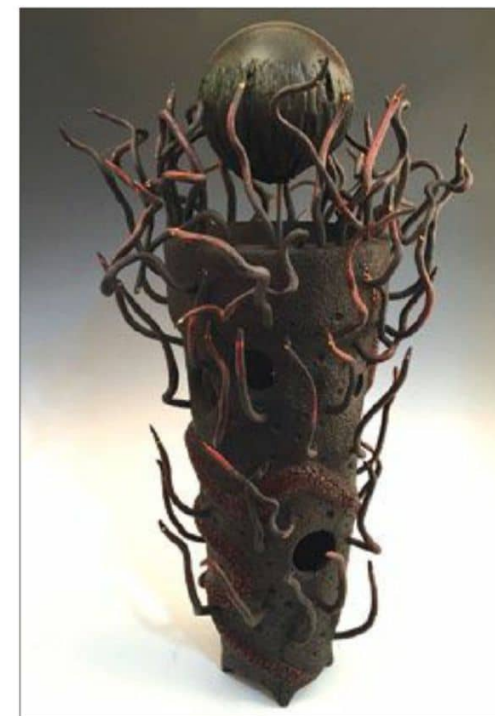
A Reversal of Fortune
Holly
(4" h, 4 1/2" w, 2 1/4" d)



Sphericitea
Macadamia Nut, Holly
(7" h, 4" w, 4" d)



Tea Along the Nile
Holly
(4 1/2" h, 4 1/2" w, 4 1/2" d)



Fear Consumes the Planet
Birch, Filbert, Maple
(15" h, 7" w, 7" d)



The Survivor
Ginkgo
(7" h, 3 1/2" dia.)

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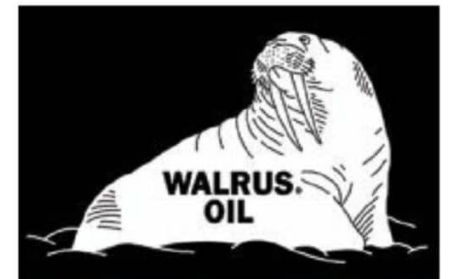
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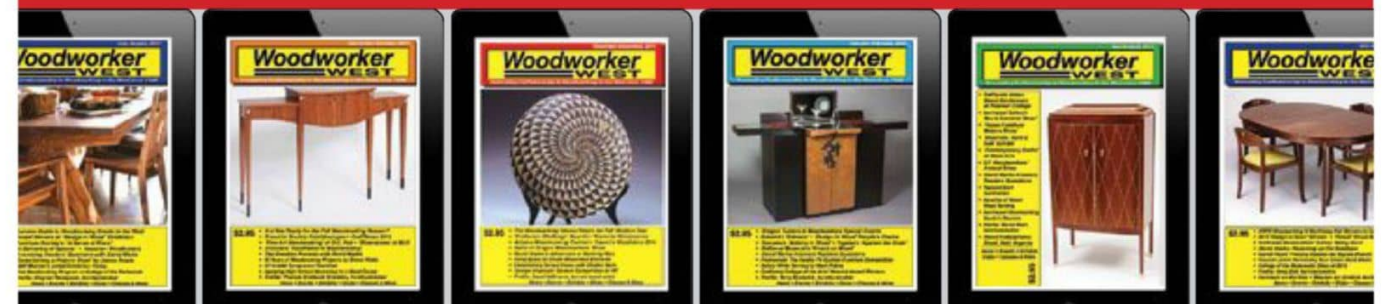
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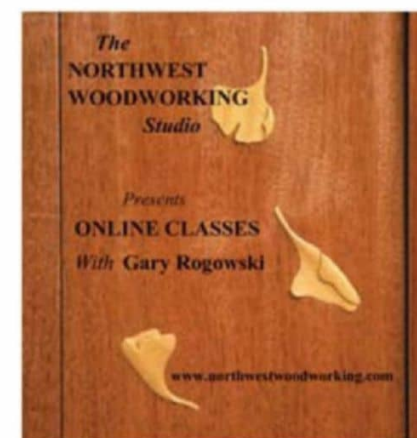


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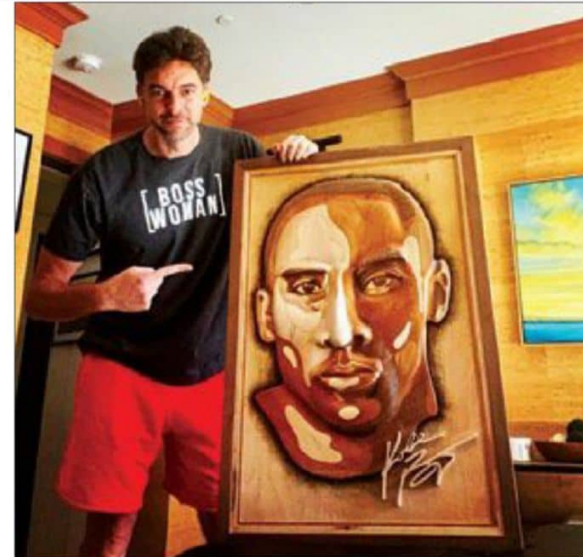
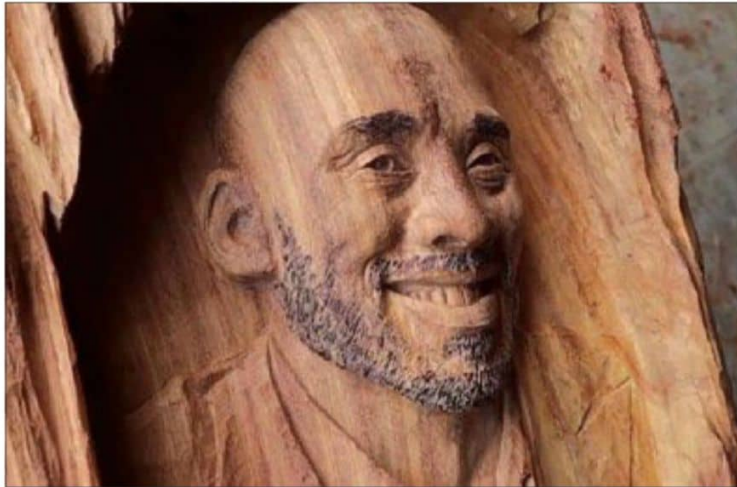
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SHAVINGS & SAWDUST

REMEMBERING KOBE BRYANT IN WOOD ART

It has been a year since the helicopter crash that killed basketball star **Kobe Bryant** and eight others. Shock extended beyond Los Angeles Lakers' fandom, and international artists channeled their grief by producing memorable artworks.

Hobbyist **Steve Thomson** of Ontario, NY created an intarsia tribute (36" h, 24" w), using 100 pieces of Walnut, Cherry, Mahogany, Maple, Oak, and Butternut. After an image of the piece was posted on social media, it caught the attention of Bryant's former teammate **Pau Gasol**, whose "shoutout" went viral, amassing more than 120,000 likes and 600 comments from around the world. Pau also agreed to purchase piece, as a gift to Kobe's widow, Vanessa.



Basketball star Pau Gasol poses with an intarsia portrait of Kobe Bryant, created by hobbyist Steve Thomson.

While in Vietnam, a craftsman at **DWoodart Studio** carved a wood portrait of the basketball legend, based strictly from a photograph. The process is documented in a video, available at: www.dwoodartstudio.com/product/wood-sculpture-kobe-bryant/.

Carved portrait of basketball legend Kobe Bryant by an artisan at DWoodart Studio in Vietnam.

WHAT FUN! STAIRS TO SLIDE DOWN

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The slide was constructed at a 22° pitch out of 445 layers of stack-laminated, CNC-cut American Black Walnut, glued and milled. The slide was built in the shop in three sections, and the stairs in 30 pieces. The project was assembled on-site, with the stair treads inserted into cut rabbets in the side of the slide. In planning, the design concept was tested with an initial mock-up, as well as a 7-foot long MDF prototype, tried out by both the client and grandchildren. Construction photos are available at: www.toptreadstairways.com/enormous-curved-wood-slide/.



The laminates of the slide were cut on a CNC machine.



View of the slide and stairs from ground level and above. Far right is a detail of the slide and stairs.





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